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May 62143  
Annual Catalogue 1905

W. W. TRACY, Jr.

“THE” **Minnetonka**,  
*Minnesota's Great  
Seedling Apple*

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“THE” **MINNETONKA** “APPLE

AS HARDY AS AN OAK. IT THRIVES AND YIELDS WHERE ALL OTHER VARIETIES FAIL. FRUIT VERY LARGE, FLESH TENDER, CRISP, SUB ACID THE IDEAL COOKING AND CHOICE DESSERT APPLE. SEASON LATE, KEEPING TWO MONTHS LONGER THAN THE WELL KNOWN WEALTHY PROPAGATED, OWNED AND CONTROLLED BY US.

WE GUARANTEE EVERY TREE OF THE MINNETONKA VARIETY PURCHASED FROM US UNTIL IT PRODUCES A BUSHEL OF FRUIT AND WILL REPLACE FREE OF CHARGE ANY TREE THAT MAY DIE BEFORE THIS RESULT IS OBTAINED. WHAT STRONGER RECOMMENDATION CAN WE GIVE?

**PRICES.**

4 to 5 ft. trees - 75¢ each - 3 for \$2.00 - 6 for \$3.00 - 12 for \$6.00  
MAIL SIZE, ONE YEAR OLD - 40¢ each - 3 for \$1.00 - 6 for \$1.75 - 12 for \$3.00

FOR HISTORY, TESTIMONIALS AND FULL DESCRIPTION OF THIS FAMOUS VARIETY, SEE PAGE 66.

**L. L. MAY & Co.,**  
ST. PAUL,  
MINN.



# Surecrop Corn

This is the largest yielding, extra early, yellow variety in our entire list. It matures its crop in 80 days, which is of special interest to the farmers of the Northwest. The ears (borne two to a stalk) are large, long, 12 to 16 rowed. The kernels are extra long, the cob small. The quality of flour ground from this variety is very choice. We recommend it for general planting, as its earliness, productiveness (150 bushels to the acre) and quality are the three great essentials to all growers.

*Lb. 25¢, Postpaid; Pk. 40¢;*

*Bushel, \$1.50*

*Bag (2½ Bushels) \$3.50.*





(Over.)



Orders for Trees, Plants etc., should be put on

Orders for Seeds, Implements etc., should be put on

separate sheet.

separate sheet.

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TREES, PLANTS, ETC.,

PRICE


Quantity

SEEDS, IMPLEMENTS, ETC.

**PRICE**

Please give the names of a few of your friends who are interested in growing Flowers and Vegetables. It is by such assistance that we are enabled to extend our trade. Send names from as many different offices as possible.

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## To Our Many Customers and Friends.

ST. PAUL, MINN., Jan. 1, 1905.

It affords us much pleasure to again greet you and to offer you in the pages which follow **The Best Northern Grown Seeds, Plants, Bulbs, Fruits, Trees, etc., which can be produced.** The universal satisfaction which has followed the planting of our products has been a source of pleasure and profit to our patrons as well as ourselves. **A pleased customer is the best advertisement** we ever had, and as we have had many in the past our goods have been widely advertised. Profiting by past experience we shall endeavor to make many more "pleased" customers this year by giving the best that money, labor and soil can produce. Crops as a rule have been bountiful the past season, and most varieties are plentiful. From this abundance **we have selected the Best** and offer them herewith to our customers, for the best is never too good for you and our success and prosperity depend in a great measure on yours. Hoping that you may be prosperous to the greatest degree during the year, we remain,

Yours truly, L. L. MAY & CO.

## How to Order.

**YOUR ORDER**, no matter how large or small, will always receive our prompt and careful attention.

**ORDER EARLY.**—We earnestly request all customers to place their orders early, as it will assist us greatly in getting everything out promptly.

**USE THE ORDER SHEET** in this book. If you wish to order a second time, write your order on a separate sheet of paper and do not mix it up in the body of a letter. This will assist us greatly in filling your order. Blank order sheets will be sent at any time upon request.

**C. O. D. SHIPMENTS.**—We must decline to ship goods C. O. D. unless the purchaser remits in advance sufficient money to pay transportation charges and cost of packing, etc., or at least one-third the amount of the order.

**ORDERS MUST BE ACCOMPANIED** by the money to pay for the goods. We cannot open small accounts, and will decline to fill orders unless accompanied by the cash. This is a uniform rule from which we cannot and will not deviate.

**DON'T FORGET YOUR NAME, POST OFFICE AND STATE.**—Every season we receive scores of letters and orders from parties who forget to sign their name, and do not give their post-office address.

## How to Send Money.

**POST-OFFICE MONEY ORDERS** may be obtained at nearly all post-offices at a small cost. This is a good way to send money. **DRAFTS ON ST. PAUL, NEW YORK, OR CHICAGO** can be obtained at any bank and are perfectly safe.

**EXPRESS MONEY ORDERS** can be had at the office of the American, United States, Adams, Northern Pacific, Wells, Fargo & Co., Great Northern or any other express company.

**REGISTERED LETTERS** cost but 8 cents, and money should be sent in this way in case it cannot be sent by any of the above methods.

**PERSONAL CHECKS.**—Do not send personal checks, as we are obliged to pay for collecting same and will therefore have to deduct this charge from your order. Besides, orders are held until our bankers report checks paid, thus causing needless delay.

**NEVER SEND SILVER OR CURRENCY** in a letter or envelope without registering it, as it is unsafe to do so. Every month we have complaints from people who send money in this careless manner, which is stolen or lost in transit and never reaches us. **When remittances are not made according to these directions, we disclaim all responsibility.**

## How to Ship.

**MAY'S SEEDS POSTPAID.**—At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, also plants, trees, fruits, etc., offered by express or freight, the purchaser pays the transportation charges.

**EXPRESS AND FREIGHT.**—Many of our customers do not stop to consider the difference between express and freight charges, and frequently order large quantities of seed by express, when it could be sent by fast freight just as well, and at much less expense. Express rates are much higher than freight.

**EXPRESS RATES ON SEEDS, PLANTS AND BULBS** are 20 per cent. less than merchandise rates. Bear this in mind when receiving goods and insist on the express company giving you the proper rate.

**DO NOT FORGET TO STATE HOW** you wish goods shipped, whether by freight or express. Unless you do, we will ship as we think best and cannot be held responsible for delays or expense.

**ST. PAUL, BEING A RAILROAD CENTER**, freight rates are

exceptionally low and freight shipments can be hurried to destination more rapidly than from less favored points.

**PREPAID STATIONS.**—Many small railroad stations are prepaid stations and the railroads will not accept freight for such points unless charges are fully prepaid. It will save delay if you ascertain if your station is a prepaid one before sending your order and include enough money to cover freight charges if it is.

**IN ORDERING GOODS** forward by freight or express be sure to write plainly your express or freight office, county and state in full, giving the express or railroad company you prefer to have them sent by. This saves time and delay here and disappointment at your end of the line.

**IF SHIPMENTS DO NOT ARRIVE** promptly after being notified by us, please advise, and we will have them traced at once.

## Our Seed Department

**WE ARE SEED GROWERS.**—By this we mean that we do not buy our seeds on the open market, as do many firms, but grow them ourselves. We know it will pay you to order May's Seeds, as you will then avoid the disappointment which so often follows the sowing of seeds that are purchased from commission dealers throughout the country, seeds which, in many cases, have lain under the counter for years, and are worthless to a gardener or a farmer.

**NORTHERN GROWN SEEDS are known to be superior to all others, being earlier, hardier and more productive.**

**WE TEST ALL SEEDS** as soon as received from our growers, and never send out an ounce that does not show a high germinative test.

**THE BEST IS NONE TOO GOOD FOR OUR PATRONS.**—And we realize this as much as any of the largest planters and know there is not a firm in the world which is more particular regarding the purity of their seeds than we are. While we guarantee all seeds which we ship out to be of strictly fresh growth and to have shown with us a high germinative test, still crops are contingent upon so many conditions of soil and weather, time and manner of planting, cultivation, etc., over which we have no control, that we cannot be responsible for the product, and give no warranty express or implied as to the description, quality, quantity or productiveness of any seeds, plants or bulbs, which we send out. Every order received for goods enumerated in this catalogue will be executed and sent out only on these conditions. **SEEDS FREE.**—Extras are sent with each order, and many are the kind letters we have received from our customers, who were surprised and delighted with the present of some new and choice seeds, plants or fruits which were sent with their order.

## Our Plant Department.

**AT OUR GREENHOUSES** on Como Ave., in this city, the most extensive in the Northwest, we grow all of our tender plants, young roses, etc. At this place we employ experienced men who have made a life study of plants and who know their habits and needs in every particular.

## Our Nursery Department.

**OUR NURSERY**, the most Northern in America, is governed by the same principle that has developed and built up our immense seed business, viz.: strict integrity in discarding worthless varieties and rigid tests in scrutinizing new ones. Nothing but well known, tested varieties are offered, and only the best stock shipped out.

**A certificate of inspection from the State Inspector of Nurseries, showing our stock to be free from San Jose Scale and all other injurious insects and diseases, will accompany each shipment.**

## BOOKS On Horticulture, Agriculture and Kindred Subjects.

Delivered free in the U. S. at these prices by L. L. May & Co., St. Paul.

PLANTS AND FLOWERS.		Each.
Gardening for Pleasure. By Peter Henderson		\$1.50
Home Floriculture. By Eben E. Rexford.		1.00
Rose, Parsons on the. By S. B. Parsons.		1.00
Revised edition.		1.00
VEGETABLE GARDENING AND TRUCK FARMING.		
Vegetable Gardening. By S. B. Green, Professor of Horticulture, University of Minnesota.		1.00
Gardening for Profit. By Peter Henderson		1.50

CULTURES OF SPECIAL VEGETABLES.		Each.
Asparagus. By F. M. Hexamer		\$0 50
Onions, How to Raise them Profitably. By 17 practical onion growers.		.25
Mushrooms, How to Grow Them. By Wm. Falconer.		1.00
GENERAL FRUIT AND NUT CULTURE.		
Amateur Fruit Growing. By Samuel B. Green, Professor of Horticulture, University of Minnesota.		.50
Small Fruit Culturist. By A. S. Fuller.		1.00
Apple Culture, Field Notes on. By Prof. Bailey		.75

		Each.
Grape Culturist. By A. S. Fuller		1.50
Plums and Plum Culture. By Prof. Waugh		1.50
Strawberry Culturist. By A. S. Fuller		.25
SHRUBS, TREES AND FORESTRY.		
Hedges, Windbreaks, Shelters and Live Fences. By E. P. Powell.		.50
AGRICULTURE AND FARM CROPS.		
Forage Crops other than Grasses.		1.00
Weeds and How to Eradicate Them. 216 pages.	Paper, 25c; cloth	.50
FARM ANIMALS AND LIVE STOCK.		
Animal Breeding. By Prof. Thos. Shaw.		1.50
30 Dairy Rations. By H. C. Carpenter.		.25
Poultry Manual. By F. L. Sewell and Ida E. Tilson.	Paper, 25c; cloth	.50



# MAY'S NORTHERN GROWN SEEDS BEST FOR ALL CLIMES



## SPECIAL DISCOUNTS ON SEEDS IN PACKETS.

Seeds Postpaid by Mail.  
**READ THIS!**

In considering prices please bear in mind all seed in packets, ounces, quarter pounds, half pounds, pounds, pints or quarts, are sent postpaid to any point in the United States at prices quoted herein. Seed in larger quantities sent by express or freight always means purchaser pays the transportation charges.

Purchasers remitting \$1 may select seeds in packets at catalogue prices amounting to \$1.30  
Purchasers remitting \$2 may select seeds in packets at catalogue prices amounting to \$2.60  
Purchasers remitting \$3 may select seeds in packets at catalogue prices amounting to \$3.90  
Purchasers remitting \$4 may select seeds in packets at catalogue prices amounting to \$5.20

This discount does not apply to any of our Special Offers.

### ARTICHOKE.

German—Artischoke. Swedish—Artskocka.

The Globe Artichoke is grown for its flower heads, which are cooked like asparagus. Seed can be sown in hotbeds and transplanted into pots, until danger of frost is past, then transplant into very rich ground, three feet apart each way, protect in winter with a slight covering of manure or leaves. The second season they will form heads about July 1st. Once established they will bear for years.

**Large Green Globe.** The standard variety for garden culture.  
Pkt. 5c, oz. 30c, ¼ lb. \$1.00.

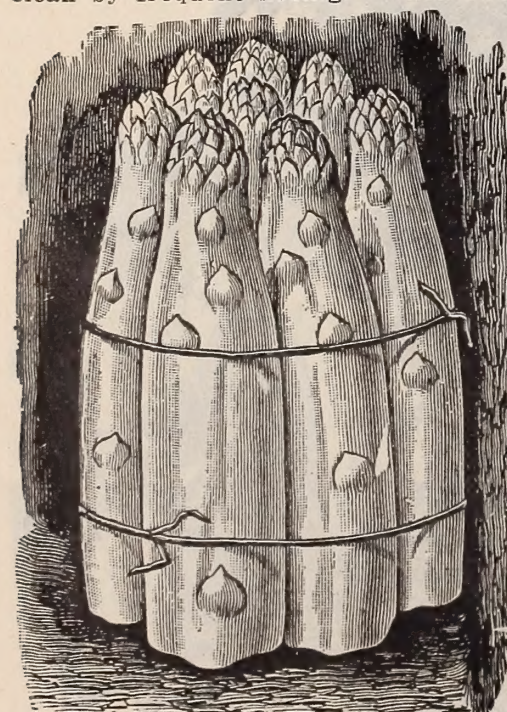
**Artichoke Roots.** See page 30.

### ASPARAGUS.

German—Spargel. Swedish—Sparris.  
One ounce for 50 feet of drill; 4 to 5 pounds to the acre.

Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the mistaken idea that it is difficult to grow. It delights in moist, sandy soil but can be grown in any garden by following the instructions given here. A bed 15x50 feet requiring about 100 plants, should give an abundant supply for an ordinary family.

**CULTURE**—Sow in April or May, in rows one foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. On the approach of winter, cover with manure and compost; fork the beds early in spring, and apply a dressing of salt at the rate of six hundred pounds to an acre.



Columbia White Mammoth.

**BARR'S MAMMOTH**—Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**CONOVER'S COLOSSAL**—Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

**PALMETTO**—Pkt. 5c, oz. 15c, ¼ lb. 20c, lb. 60c.

### Columbia White Mammoth.

(See Cut.) This most distinct variety is the result of patient work and careful selection by the originator, thus obviating the necessity of earthing up to produce white shoots. The immense shoots are clear white and in favorable weather remain so until three or four inches above the surface. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Strong one year old roots of any of the above varieties 25 for 50c by mail, \$1.00 per 100, \$5.00 per 1,000, by express at your expense. For two year old plants see Nursery Department.



Artichoke.

### BEANS.

**CULTURE**—No crop responds more readily to good soil and cultivation than this. The soil best adapted to beans is light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Sow about the first of May, if the ground is perfectly warm; select a warm, dry, sheltered spot; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 2 inches apart in the drills, and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession.

**DWARF STRINGLESS WAX SORTS.** 1 qt. to 100 feet of drill, 1 bu. per acre in drills.

**Refugee Wax.** (See Cut.) Among green beans, the Refugee type has always been most valuable. This wax variety has all the peculiar characteristics of the old Refugee, such as small, dense foliage, great productiveness, roundness of pod and handsome appearance. It will be readily seen that the advantage gained in producing a wax form of this must be great. Of strong bushy growth, with slight tendency to form runners; very productive. Slender, handsome, light golden yellow pods five inches long, quite round or pencil shaped, solid, meaty, even when beans are formed, brittle and stringless. It is quite early for a wax variety. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.25.



Refugee Wax.



# BEANS, DWARF STRINGLESS WAX SORTS.

**Davis' Kidney Wax.** (See Cut.) This is the most hardy and productive wax-podded bush bean in cultivation. The pods are invariably long, white, straight and handsome. The vine is rustless and very vigorous, bearing its pods near the center in clusters. When young, the pods are brittle, crisp and tender. Seed, kidney-shaped, clear white and excellent for baking. One of the best for shipping as snap beans and of the greatest value as a market variety. The length, uniformly perfect shape and fine color of the pods, and the clear white seed, make this one of the best for canners. It is just what they want, **a long, straight, clear white pod which does not discolor in canning** Pkt. 5c, pt. 25c, qt. 45c, pk. \$2.25, bu. \$8.00.



Black Wax Pencil Pod.

beans. We now have an excellent wax-podded variety possessing in a remarkable degree the excellent features of this sort. It is very early for a wax bean. A planting made on June 12th gave us a fair picking by July 28th—46 days. Its value as a shipper is all that can be expected, very tender and almost without string; in fact the pod is free from any toughness whatever, and remarkably solid throughout. It is handsome in appearance, and has proven to be almost rustless. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6 00.



Jones' White Wax.

**Jones' Stringless White Wax.** (See Cut.) This new white, seeded variety is certainly one of the most desirable wax beans introduced for many years, and we cheerfully recommend it to our customers as a sort sure to please, and give entire satisfaction at all times and under all conditions. **It is a yellow podded bush bean, white seed.** The pods are round and plump, and attain a length of five to seven inches. They are thick and fleshy, and as handsome in the basket as could be desired. **The pod is perfectly stringless,** thus giving name to the variety. The beans are of fine table quality, either green or dry. Market gardeners will very much appreciate this bean. It makes a fine display on the market, holding its fresh appearance for a long while after being picked from the bush. Pkt. 5c, pt. 25c, qt. 45c. pk. \$1.75, bu. \$6.00.



Valentine Wax.

**Black Wax Pencil Pod.** (See Cut.) In this grand, new variety we have plants of true bush growth, fifteen inches high, with abundant large, heavy foliage, extremely productive; magnificent straight pods, five to seven inches long, light golden yellow in color, beautifully rounded, flesh brittle, solid, entirely stringless; fine mild flavor. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.00.

**Valentine Wax.** (See Cut.) An improved Extra Early Valentine Bean, with round, wax pods. A striking acquisition has been obtained in the list of wax beans through the introduction of this variety. Up to now there has been no variety of such prominence among wax beans that could compare with that of the Valentine among green



Davis' Kidney Wax.

CONDENSED LIST OF STANDARD SORTS.					
	Pkt.	pt.	qt.	pk.	bu.
<b>Black Wax, Imp. Prolific.</b> Very early, pods round full	5c	20c	35c	\$1.50	\$5.50
<b>Black Wax (Challenger Strain).</b> An extra early strain; round pods.	5c	20c	35c	1.75	6.00
<b>Black Wax Curries</b> (Rust Proof). Large, flat pods, early and productive.	5c	20c	35c	1.50	5.50
<b>Detroit Wax.</b> Like the Golden Wax, pods, flat, thick.	5c	20c	35c	1.50	5.50
<b>Flageolet Wax.</b> Flat, stringless pods of great size	5c	20c	35c	1.60	5.75
<b>Golden Wax Grenells.</b> Very early; pods flat, long.	5c	20c	35c	1.50	5.50
<b>Golden Wax Keeney's Rustless.</b> Golden pods, flat, stringless	5c	20c	35c	1.50	5.50
<b>Golden Wax, Very Early.</b> Flat pods, long, stringless.	5c	20c	35c	1 50	5.50
<b>Wardwell's Kidney Wax.</b> Early, long, flat, purely wax pods.	5c	25c	45c	2.25	8.00

## DWARF OR SNAP GREEN PODS.

**Valentine Giant Stringless.** (See Cut.) This should not be confounded with the "Stringless Green Pod." It is a distinct, new cross-bred variety, possessing all the merits of the old favorite Round Pod Valentine, which is one of its parents, and having the following additional merits: (1.) **It is ready for market** fully a week earlier. (2.) **The pods average one-third larger,** being from five to six inches in length. (3.) **They are always absolutely stringless,** round, full and fleshy. (4.) **It is more prolific,** producing from twenty to thirty per cent more pods. (5.) **Its quality is unsurpassed,** being most deliciously flavored.

It is beyond question one of the most profitable beans to grow for the early market,

as its enormous yields, its earliness and good quality all combine to render it very popular and much sought after. Pkt. 5c, pt. 25, qt. 45c, pk. \$2.00.

**Best of All.** Popular everywhere. The vines are strong and vigorous, producing an abundance of handsome green pods quite early in the season. As the pods mature they are lighter in color and often splashed with red. When ready for use as green shelled, the beans are large, mottled with red, tender and of delicious flavor. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.00.

**Extra Early Refugee.** A very early, green-podded kind, furnishing an oval, fleshy pod of fine quality ripening long before the Late Refugee is usable. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

**Longfellow.** Large, green pods, exceedingly prolific, always solid, delicious flavor, wonderfully tender, remarkably early. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50.



Valentine Giant Stringless.



## BEANS, GREEN PODDED SORTS—Cont.

Prices quoted by the packet, pint or quart include the prepayment of postage by us. If wanted by express or freight, with other seeds, deduct 8 cents per pint, 15 cents per quart. By express or freight means that purchaser pays the transportation charges.



Stringless, Green Pod.

### Burpee's Bush Lima.

(See Cut.) A dwarf form of the true large White Lima. The bushes grow from 18 to 20 inches high, upright, branching out and forming a compact, bushy plant, bearing large pods well filled with large, delicious beans, similar in size to the well known large pole limas. An enormous cropper. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.75, bu. \$6.00.

### Willow Leaf.

The plants are of compact, rounded form, growing 12 to 15 inches tall, while the white blossoms stand out all over the plant above the foliage, and are succeeded by the bright green pods. These resemble the Bush Lima in form but are larger and are well filled with tender, white, delicious beans, which mature two weeks in advance of Burpee's Bush Lima. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.50.

### Henderson's.

Grows without the aid of poles, in compact bush form, about eighteen inches high, very early and productive. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.75, bu. \$6.00.

**Stringless Green Pod.** (See Cut.) New and desirable, an extra early variety that is certain to give entire satisfaction. Ready for market about two weeks earlier than the old variety. It is positively stringless, and remains tender and crisp longer after maturity than most varieties. Several tests since its introduction enables us to speak in highest terms of its qualities. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green podded varieties. Not only is it a valuable market gardener's sort, but certainly an acquisition for the amateur. We consider this bean one that cannot be too highly recommended. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.50.

### Valentine Extra Early

(See Cut.) One of the most popular of the Extra Early Green Pod sorts. The pods are round and fleshy, of most excellent quality, remaining tender a long time after they are fit to pull. Extensively grown for the early market. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.00.

	Pkt.	Pt.	Qt.	Pk.	Bu.
Horticultural—Late and productive, flat pods....	.05	.20	.35	1.25	4.00
Early Mohawks—(Six weeks), pods long, flat....	.05	.20	.35	1.25	4.00
Long Yellow Six Weeks—Early, flat green pods..	.05	.20	.35	1.25	4.00
White Navy—White seeded, fine for baking.....	.05	.20	.35	.90	*

\* Prices on bushel lots on application.

## DWARF OR BUSH LIMA.

## POLE OR CLIMBING SORTS.

### Lima King of the Garden.

Undoubtedly this is more extensively grown than any other sort of its class. It is a heavy yielder on all kinds of soil and of excellent flavor. The stock which we offer has been carefully selected, and we are positive that there is not a better strain on the market than our King of the Garden. The pods are of enormous size, often measuring eight to nine inches in length, and containing as many as eight to nine beans. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.00.

### Lima Challenger.

The pods are much thicker than those of the other Limas and contain from 4 to 5 beans, which are large, thick, white, and of the best quality. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.00.

### Lima May's Champion.

The pods are large, vines vigorous in growth and exceedingly productive. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.



Valentine Extra Early.

### Lima Large White.

Considered the most tender and delicious of the bean family. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.00.

### Golden Cluster.

(See Cut.) The Everlasting Pole Bean. A magnificent variety that bears continuously the entire season. It grows rapidly, bearing very early clusters of three to six pods of rich golden color. Pods average about 8 inches in length, exceedingly tender and entirely stringless, retaining their plumpness and tenderness long after they have attained a large size, and continue to bear, if the pods are picked, until frost. It is a very common thing to pick 1/2 to 3/4 of a bushel from a single vine at one picking, and its enormous yield recommends it to every one. Few, if any of the varieties of late introduction are so popular as the Golden Cluster. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

### Scarlet Runner.

Cultivated both for its beautiful scarlet blossoms and for table use. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75.

### Black Wax.

Pods large, yellow, produced in bunches. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.50.

### Creasback White.

Long, round, stringless pods; fleshy and tender. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$5.00.

### Cut Short or Corn Hill

Used for planting among corn. Beans of a white shade, splashed with red. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

### Horticultural or Wren's Egg.

Pods broad, pale green, streaked with red. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

### Lazy Wife.

Long green pods of good quality, exceedingly rich and buttery. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.



Burpee's Bush Lima.

OUR GOLDEN CLUSTER





Swedish—Robetar. **BEETS.** Spanish—Betteraga.

**AT PRICES QUOTED** on beet seed, we pay the postage. If seed is to be sent by express at purchaser's expense deduct 10c per pound.  
**Sow one ounce to 50 feet of drill, five to six pounds to the acre in drills.**

**CULTURE**—Sow as early in the spring as the ground can be worked and every two weeks after for a succession, up to the first week in July. The soil should be a light sandy loam, well enriched with stable manure, plowed and harrowed until very fine. For general crop sow about the middle of May. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young beets pulled out of the rows are excellent used for spinach. The Sugar and Mangel Wurzel varieties should be sown from April to June, in drills two feet apart, and afterwards thinned out to one foot apart in the rows.

**May's Early Blood Turnip.** (See Cut.) This sort has long been regarded as the standard of excellence. A carefully selected and improved strain of Blood Turnip. It is very early, nearly as early as Egyptian, and greatly surpasses that variety in flavor. The color is a rich, dark red, the shape globular.

It is free from side or fibrous roots, being always smooth. **Excellent for forcing,** for a main, spring or summer crop, or for use in winter, as it is a fine keeper. **Cooks sweet, tender and crisp, and is in every way a standard sort for market or the home garden.** Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 45c.

**Crosby's Egyptian.**

It is free from side or fibrous roots, being always smooth. **Excellent for forcing,** for a main, spring or summer crop, or for use in winter, as it is a fine keeper. **Cooks sweet, tender and crisp, and is in every way a standard sort for market or the home garden.** Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 45c.

**Crosby's Egyptian.** A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. **Flesh deep blood red.** It is a rapid grower, attaining a usable size quicker than most varieties, and does not become woody with age. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

**Crimson Globe.** Roots of medium size, generally about three inches in diameter, very handsome in shape, with a remarkably smooth surface. It has a very small tap root. The leaves are small, borne on slender stems, which occupy but a small portion of the root. The interior color is very deep crimson throughout, but is ringed and zoned in a most beautiful manner, making it very attractive in appearance. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

**Electric.** Extra early, nearly round variety. Tap root small. The color is a very dark rich crimson, with rings of a lighter hue. It is extremely early, coming in with Extra Early Egyptian. The flesh is rich and sugary. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

**May's Market Gardener.** (See Cut.) The Truckers' Favorite. An extra early variety, of uniform size and handsome shape. A perfect variety for table use. When cooked they are of a beautiful red throughout, fine grained and sweet. Valuable for private or market use. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.



**May's Market Gardener.**

**May's Early Blood Turnip.**  
**SUGAR BEETS FOR STOCK FEEDING.**

**Important.** THE GREAT VALUE OF SUGAR BEETS FOR STOCK FEEDING. The value of these for stock raising cannot be over-estimated, analysis having demonstrated the fact that 400 pounds of Sugar Beets are equivalent to 100 pounds of the best hay. During the past year crops of 1,500 to 2,000 bushels on one acre were raised in the State of Minnesota from seed obtained from us. They are not as heavy yielders as Mangels, but contain a much larger percentage of saccharine matter. Sow 12 to 15 pounds to the acre. Many seedsmen claim 4 to 6 pounds. In our experience we find the latter to be incorrect.

**Giant Feeding or Half Sugar Mangel.**

This unites the large size of the Mangel with the greater feeding value of the sugar beet. The roots are always regular and uniform, broad at the top with a full and only slightly tapering shoulder. We are certain that every one who plants this variety and grows it with care will be much pleased with the crop. **Every Farmer should try it.** Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 35c.



**Giant Feeding Sugar Mangel.**

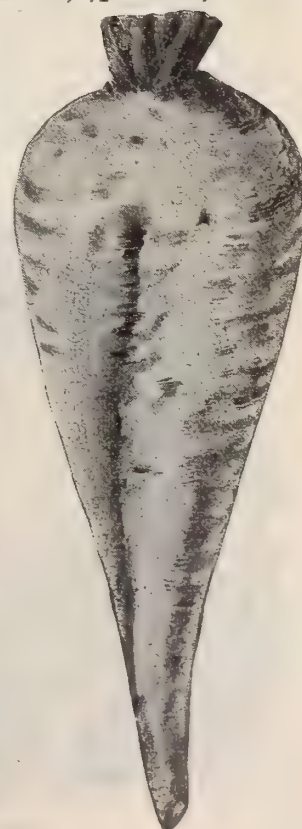
GENERAL LIST OF TABLE BEETS.		Pkt.	Oz.	1/4 lb.	lb.
✓Eclipse Extra Early—Round rooted, color bright red.....		.05	.10	.15	.55
✓Early Blood Turnip—Dark red, fine flavor.....		.05	.10	.15	.40
✓Early Dewings—An excellent market sort.....		.05	.10	.15	.55
✓Edmunds Blood Turnip—A standard sort.....		.05	.10	.15	.55
✓Erfurt Prize—A popular half long German sort, of excellent flavor, flesh tender.....		.05	.10	.25	.75
✓Egyptian Extra Early—Early medium size, forcing.....		.05	.10	.15	.55
✓Detroit Dark Blood—Fine round shape, flesh rich deep purple, and of fine quality.....		.05	.10	.20	.65
✓Half Long Blood—Fine dark strain for winter.....		.05	.10	.15	.55
✓Long Smooth Blood—Late, fine for winter.....		.05	.10	.15	.40
✓Lentz Extra Early—Large, round, light red, top small....		.05	.10	.20	.60
✓May's Long Smooth Blood—This is an improved strain of the Long Smooth Blood, a large and excellent late sort		.05	.10	.15	.45
✓Stinson's Dark Blood—Early, deep blood red.....		.05	.10	.25	.75
✓Swiss Chard White—Used for greens only.....		.05	.10	.15	.40
✓Swiss Chard Yellow—Same as above, color yellow.....		.05	.10	.15	.40

## GENERAL LIST OF SUGAR BEETS.

- ✓VILMORIN'S IMPROVED—A heavy yielder, rich in sugar. Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 35c, 10 lb. lots @ 20c per lb. at purchaser's expense.
- ✓KLEINWANZLEBENER—Fine for sugar. Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 35c, 10 lb. lots @ 20c per lb. at purchaser's expense.
- ✓IMPERIAL SUGAR—Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 35c.
- ✓WHITE FRENCH—Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 35c, 10 lbs. @ 20c.

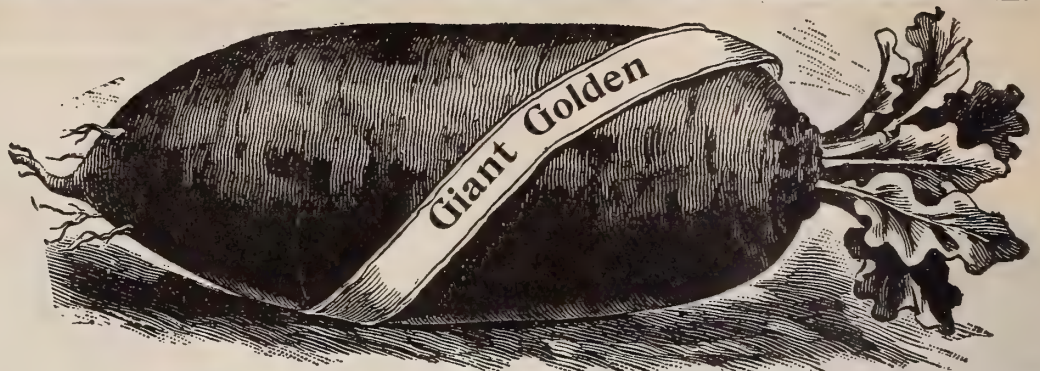
**NOTE**—We can supply any of the above varieties of Sugar Beet by express or freight, 5 lb. lots 20c per lb., 10 lb. 18c, 100 lbs. 15c, bags included. In ordering, state variety wanted.

**Victrix.** The Peerless Production of Systematic Selection by an Expert German Grower. The heaviest yielding, richest Sugar Beet in Cultivation. Produces from 25 to 40 per cent more sugar per ton than any other variety. The roots are medium to large, very uniform and symmetrical, of light color, do not waste in trimming and produce more tons per acre than any other variety. In addition to this they yield from 18 to 20 per cent. of sugar, surpassing all other sorts 6 to 8 per cent. **Every sugar beet factory should investigate its merits for it is unquestionably the Best Strain of Seed ever introduced.** Pkt. 5c, oz. 10c, lb. 35c, postpaid. 10 lb. lots at 25c per lb. at purchaser's expense. 100 lbs. \$17.50.



**Victrix.**





## MANGELS FOR STOCK FEEDING.

Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight at purchaser's expense deduct 10c per pound. Sow 12 to 15 lbs. to the acre.

**✓ May's Mammoth Long Red.** (See Cut.) This we consider the finest strain of the single root often weighing from thirty to fifty pounds. Enormously productive, yielding thirty to forty tons per acre. They grow well above ground and are easily harvested. Our seed comes from a specialist in Europe and can be relied upon as superior to many of the so-called Mammoth sorts under assumed names. If you want a big crop of fine Mangels that will be a great benefit to your stock, increasing the flow of milk and fattening them, you can find nothing that will beat our Mammoth. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

**✓ Champion Yellow Globe.**

Large and productive; keeps well, and is relished by stock, easily harvested. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

**✓ English Prize.** The great variety so extensively grown in England for stock feeding. Specimens have been grown weighing over seventy pounds, yielding 1,500 to 1,800 bushels per acre. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c. By express or freight 10 lb. lots, 35c per lb.

**✓ Giant Golden.** (See Cut.) This is an entirely distinct type of Mangel, of recent introduction, and highly prized wherever introduced. In England it is largely grown by dairymen and sheep raisers; the former prize it not only for its yield, but for the rich character of the milk it produces, while the latter claim sheep fed on it thrive better and appear in much finer condition. Its wonderful yield and popularity in the old country certainly recommend it to every stock grower in America, and from our experience with it we know it will prove very valuable to all dairymen. Flesh is a light yellow and fine grained. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c. By express or freight, 10 lb. lots 35c per lb.

**✓ Golden Tankard.** Flesh, a rich golden, and of great milk producing qualities. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

**✓ Red Globe.** A large, red, oval variety, keeps well and is especially adapted to low soils. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

**✓ Yellow Intermediate.** Root ovoid, intermediate between the long and globe varieties; flesh solid, nearly white, zoned with yellow; hardy, vigorous and productive. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.



Broccoli.

May's Mammoth Long Red Mangel.

**NOTE**—Any of the above varieties offered at 35c per lb. we can supply in 10 lb. lots for \$2.00; 50 lb. lots for \$9.00; 100 lb. lots for \$16.00.

**Chives.** These are perfectly hardy plants, resembling small onions or garlic in growth. They start to grow very early in the spring, and the small tender leaves are highly esteemed for flavoring many dishes. Pkt. 25c.

## BROCCOLI.

**PURPLE CAPE**—Fine heads of a purplish brown color. Pkt. 10c, oz. 30c.  
**WHITE CAPE**—Heads medium size, compact, of a creamy white color. Pkt. 10c, oz. 30c.

## BRUSSELS SPROUTS.

**May's Exhibition.** (See Cut.) An excellent new variety, very thickly covered with large and very solid sprouts. The plants are semi-dwarf, strong growers, producing more sprouts per plant than other sorts. The sprouts are very firm, hard and of most delicious melting quality and are ready for use by October 1st or earlier. The plant appears perfectly hardy and is not easily injured by frost. The many good qualities of this sort recommend it to market gardeners and others who wish a first-class vegetable, that is sure to produce a good crop, and is, at the same time, of highest quality. Pkt. 10c, oz. 25c, ¼ lb. 75c.

**DWARF IMP.** A standard variety producing compact heads of fine quality. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

**HALF DWARF PARIS MARKET.** A half dwarf sort bearing handsome crops of round, hard sprouts of the first quality. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

**Cabbage, Early Spring.** (See Cut.) An extraordinary early flat headed variety, coming in with the Wakefield, and yielding one-third more than most extra early sorts. It has all the merits of the Early Summer. It may be successfully planted 21 inches apart or about 14,000 to the acre. It is wonderfully uniform in shape and almost entirely edible. Very finely grained and has the peculiarity of heading firmly at an early stage in its growth, so that though small, with its remarkable solidity, it can be cut long before maturity. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

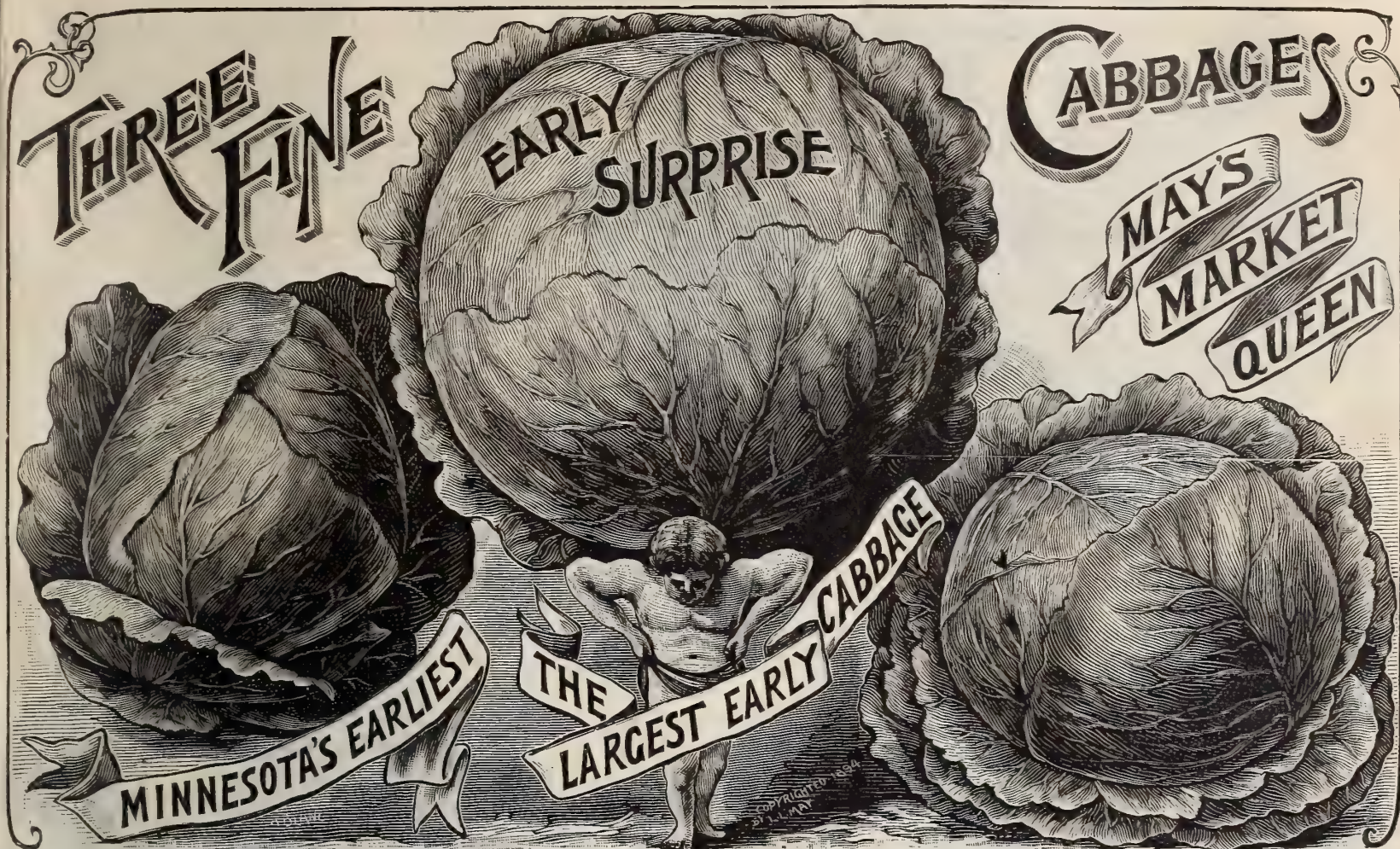


Early Spring.



May's Exhibition.





## NORTHERN GROWN PURE CABBAGE SEED.

German—Kopf-Kohl. Spanish—Repollo.

We take special pleasure in recommending, as we do, the utmost care in stocks, we know that the Cabbage seed we do not offer two strains of one variety, those who kindly favor us with their

CABBAGE will thrive on any good corner they will develop. New land is preferably. The early sorts bear planting from rows, with the rows from two to two and from two to four feet apart in the rows, with rows from two and a half to four feet apart, the distance varying with the size. The crop should receive as many as two hoeings and three cultivations. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops.

Cabbages should be hoed every week, and the ground stirred as they advance in growth, drawing up a little earth to the plant each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads.

Of late years many crops of early cabbage have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply an emulsion of kerosene made as follows: Add one quart of kerosene oil to two quarts of boiling soft soap which has been thinned to the consistency of cream. Stir the oil thoroughly by churning or other method until it has united with the soap and forms a cream-like substance. Then dilute with five times as much water. Tobacco dust, ashes, slacked lime and coal dust are all recommended as preventives, and with us have proved valuable in the order named. These are scattered about the plants, leaving one here and there untreated for the flies to congregate around and deposit their eggs upon, when they should be pulled up and destroyed.

**May's Early Surprise.** (See Cut.) The market gardener's favorite round variety for early use. Never fails to head up even under the most adverse circumstances. Testimonials from all sections prove it to be of the greatest value to large growers. Since its introduction by us it has increased in popularity each season, until it now stands and is acknowledged by gardeners and seedsmen to be the finest and largest early cabbage in the world. It is larger than Early Summer, and comes in about 10 to 15 days ahead of that popular sort. It can't be beat for shipping and is worth a fortune to any gardener who grows cabbages for the early market. The Early Surprise is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

**Market Queen.** For medium early and midsummer use. A most reliable sort for private or market use where a medium early large cabbage is required. It is a carefully selected strain, which we have improved for a number of years past, and is acknowledged by gardeners to

Prices quoted on cabbage seed we send by mail postpaid. If wanted by express or freight deduct 10 cents per pound. By express or freight always means purchaser pays the transportation charges. 1 oz. will produce 1,500 plants. ¼ lb. to transplant one acre.

Swedish—Kal. French—Choux Pomme. ing our strains of Cabbage to our patrons, the growth and selection of our seed which we offer is unsurpassed in quality, as we deem the BEST none too good for orders.

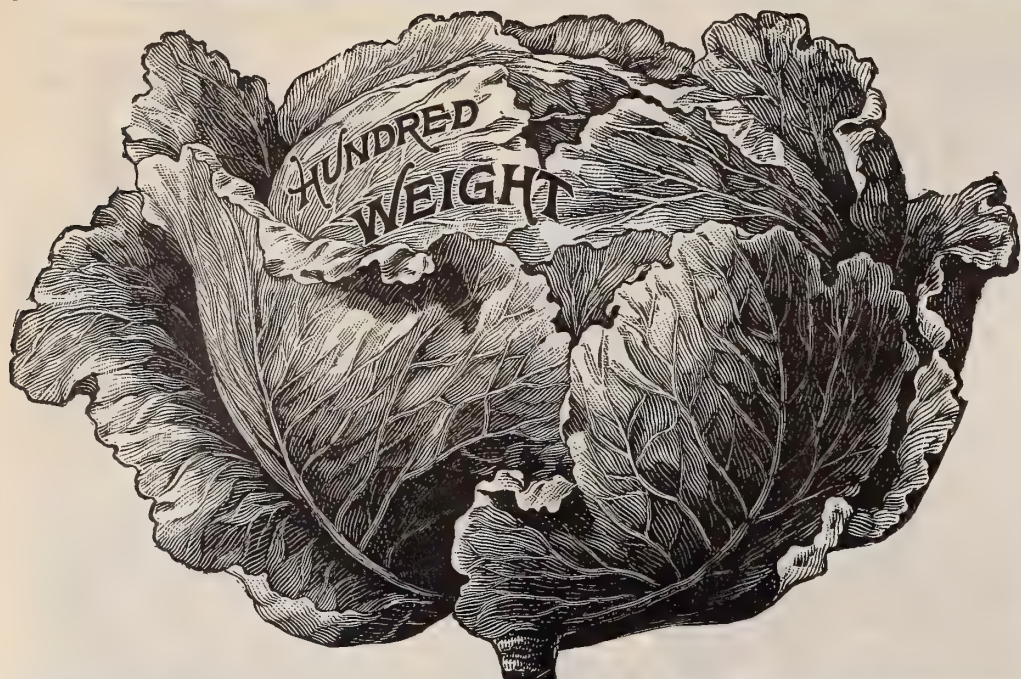
land, though the stronger the soil the better. Plow deep and manure very liberal—eighteen inches to two feet apart in the a half feet apart, the large varieties to be the distance varying with the size. The crop should receive as many as two hoeings and three cultivations. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops.

be one of the most reliable varieties of sure-heading cabbages. Is as early as Drumhead, yielding heads of enormous size and of the very best quality. In keeping qualities it is equalled by very few of the late sorts. A sure header, even under the most trying circumstances, and will stand the drought to a remarkable degree. Pkt. 10c, oz. 30c, ¼ lb. 85c, lb. \$2.50.

**Minnesota Earliest.** (See Cut.) A conical shaped, hard headed, Extra Early Cabbage, that never fails to satisfy. The Early Surprise has the advantage of being a large, round head variety and therefore commands a higher price than the Minnesota Earliest, but it does not head quite as early. One of the largest growers near St. Paul states, that for two seasons past he has been the first to bring cabbage to the market, and they always brought a high price. We have tested all the Extra Early Cabbages offered the past few seasons and know that none can equal our Surprise and Minnesota Earliest either for earliness, yield or quality. It will produce good sized marketable heads 70 days from time of sowing. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

FOR 25c we will send one package each Early Surprise, Minnesota Earliest and Market Queen, postpaid.





**May's Garden Glory.** (See Cut.) This is another variety of great promise, introduced for the first time last season. It is an extra early, large, solid white variety. It forms large, round, ball-shaped heads, which are ready for the market about the same time as Early Flat Dutch. The heads are pale green, very solid, making it particularly attractive for market purposes. It has but very few outer leaves, which allow it being planted closer together than most varieties. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

## MEDIUM LATE FLAT.

	Pkt.	Oz.	¼ lb.	lb.
<b>All Seasons</b> —Heads large, nearly round, fine keeper...	.05	.15	.50	1.75
<b>Autumn King</b> —For illustration and description see page 3	.05	.20	.60	2.00
<b>Fottlers Brunswick</b> —Large late heads, fine shipper...	.05	.15	.50	1.75
<b>Premium Late Flat Dutch</b> —(Selected Strain.) The great Cabbage for fall and winter use. A sure header, wonderfully solid and of excellent flavor. The heads are large, oval in shape, flattened....	.05	.15	.45	1.50
<b>Solid South</b> —Large, round, flattened sort, good keeper	.10	.20	.60	2.00
<b>Stone Mason Drumhead</b> —Heads large, fine for winter..	.05	.15	.50	1.75
<b>Succession</b> —(True stock.) Sure heading, long keeping sort	.05	.15	.50	1.75
<b>Surehead</b> —Strong, vigorous, very uniform, large and solid	.05	.15	.50	1.75
<b>Green Glazed</b> —Heads large, rather loose and open....	.05	.15	.50	1.75

**Hollander or Danish Ball Head.** (See Cut.) A distinct type, highly esteemed for winter use by reason of the great solidity and excellent keeping qualities of the heads. It is one of the best for growing for distant markets or for late spring use. We offer Danish grown seed. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

## LATE FLAT SORTS.

**LARGE LATE DRUMHEAD**—Favorite sort, valuable for main crop. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

**Hundred Weight (May's).** (See Cut.) The largest of all the cabbages, single specimens having been known to weigh over 40 pounds each.

The truest type of the large late variety; it will average more good solid saleable heads per acre than any other extra large late cabbage. The keeping qualities are excellent and it is, therefore, a valuable sort for gardeners growing for distant markets. The heads are round, flattened, very solid and with few outer leaves. Pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.00.



Zenith.

**Zenith Cabbage.** (See Cut.) This is a new red variety of German origin, introduced recently. The color a fine, deep, purplish red, entirely distinct, and most beautiful. The head is of medium size, and very solid, with but few outer leaves. It is very crisp, tender, mild flavored, and most excellent for cooking. It is a second early variety and is especially valuable for market gardeners. Its beautiful appearance should commend it to all large growers, while its peerless quality recommends it to every one. Pkt. 10c, oz. 25c, ¼ lb. 75c.

	Pkt.	Oz.	¼ lb.	lb.
<b>RED ROCK</b> —Large, often weighs 12 lbs.,	.05	.15	.50	1.75
<b>RED DUTCH</b> —Used mostly for pickling,	.05	.15	.50	1.75
<b>DWARF ULM SAVOY</b> —Small, round, deep green,	.05	.15	.45	1.50
<b>DRUMHEAD SAVOY</b> —Large, loose heads,	.05	.15	.50	1.75

## EARLY POINTED HEADS.

	Pkt.	Oz.	¼ lb.	lb.
<b>Etampes</b> —Small French sort, extra early	.05	.15	.50	1.50
<b>Express</b> —Heads small, of fine quality	.05	.15	.50	1.50
<b>Charleston Wakefield</b> —An improved strain of Wakefield, heads larger, not so pointed	.05	.25	.75	2.50
<b>Fildekraut</b> —Heads large, quality fine	.05	.15	.50	1.70
<b>Jersey Wakefield</b> —Heads solid, pyramid shape	.05	.20	.65	2.25
<b>Winnigstadt</b> —A standard sort, heads solid	.05	.15	.50	1.50
<b>Large York</b> —A very popular market sort	.05	.15	.50	1.50

## EARLY FLAT HEADS.

	Pkt.	Oz.	¼ lb.	lb.
<b>All Head</b> —Heads flat, well folded	.05	.25	.75	2.50
<b>Deep Head</b> —Heads large, solid, almost round	.05	.20	.65	2.00
<b>Early Dwarf Flat Dutch</b> —Popular, fine for forcing...	.05	.15	.50	1.75
<b>Early Drumhead</b> —Heads large, round, solid	.05	.15	.45	1.50
<b>Early Summer</b> —Large, round, flat heads, 8 to 10 lbs. each	.05	.15	.45	1.50



May's Garden Glory.



Hollander or Danish Ball-head.



## CARROTS.

German—Moehren.  
Swedish—Morotter.

French—Carotte.  
Spanish—Zanahoria.

At prices quoted on Carrot seed we send by mail postpaid. If wanted by express or freight, deduct 10c per pound. By express or freight always means purchaser pays transportation charges.

1 ounce will sow a drill 100 feet long; 3 lbs. will sow one acre.

**CULTURE**—The most suitable soil is a rich, deep, sandy loam, not too recently manured. Sow rather thinly in drills 12 to 15 inches apart, according to the sorts, thinning out to 6 or 7 inches, between the rows.

**Danver's Half Long.** (See Cut.) A rich orange red sort, smooth and handsome, producing large crops. An excellent market sort. Tops medium size, roots tapering to a blunt point; flesh sweet, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

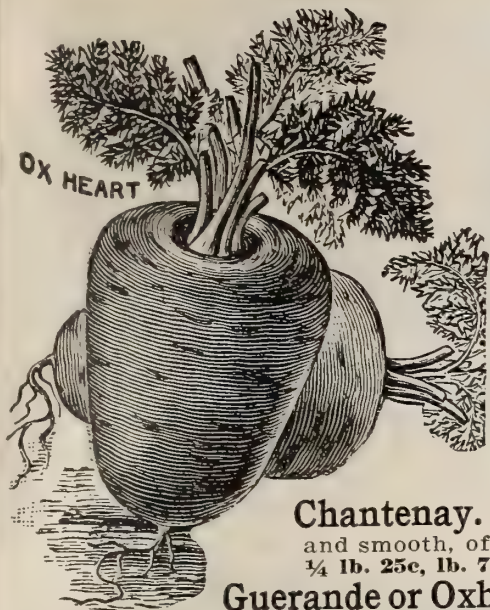
(See Cut.) Tops medium size, neck small, roots tapering slightly, but uniformly stump rooted and smooth, of good size. Color deep orange red. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 70c.

### Chantenay.

and smooth, of good size. Color deep orange red. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 70c.

### Guerande or Oxheart.

(See Cut.) A desirable variety on soil too hard and stiff for the longer growing sorts, as it is not over five or six inches long. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 70c.



Chantenay.

**CARENTAN**—A good early half long stump rooted sort, flesh red, coreless, suitable for forcing. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

**LONG ORANGE**—Large, a fine keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

**HALF LONG SCARLET NANTES**—Skin smooth, stump rooted. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

**EARLY SCARLET HORN**—A variety of carrot long and favorably known to all growers. It is not large, but is often used for early crop. It is sometimes used for forcing. Con-

sidered by many people to be the best early table sort. The flesh is fine grained and the color a deep orange. It has small tops, and grows well in shallow soil. It matures eight to ten days sooner than Long Orange. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**SMALL FRENCH FORCING OR GOLDEN BALL**—This is the earliest carrot, and is consequently largely grown for forcing purposes. It is much used for bunching with parsley, onions, etc. Roots are of small size, round, of good color and excellent flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

## STOCK FEEDING CARROTS.

Sow from 3 to 4 pounds to the acre. Excellent feed for stock and fatten on them and keep

extensively grown for this purpose. Horses relish and in healthier condition.

**Mastodon.** A vast improvement on the White and Yellow Belgian sort. It is not only much more productive but vastly easier to handle. The flesh is white, crisp, solid and very sweet in flavor. The roots are short and very heavy at the shoulder, making them easy to harvest. Too much can scarcely be said of their size and productivity. The roots frequently measure 15 to 20 inches, yielding from 20 to 25 tons to the acre. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c. By express or freight in 5 lb. lots or over 45c per lb.

**BELGIAN LARGE WHITE**—Root large, white; grows one-third above ground. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c. By express or freight 5 lbs. or over 35c per lb.

**BELGIAN YELLOW**—Differing from the above only in

color. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c. By express or freight 5 lbs. or over 35c per lb.

**VICTORIA**—The roots are remarkably firm, of light orange color, symmetrical, possessing high feeding qualities. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c. By express or freight in 5 lb. lots or over 45c per lb.

**VOSGES LARGE WHITE**—Adapted for shallow soils. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c. By express or freight 5 lbs. or over 35c per lb.

**YELLOW GIANT**—Will produce full 50 per cent more weight per acre than the common sorts. It grows from 20 to 25 inches in length, and is of the best keeping qualities. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c. By express or freight 5 lbs. or over 55c per lb.

## CAULIFLOWER.

German—Blumen-Kohl. French—Choufleur.

Swedish—Blomkal. Spanish—Coliflor

1 ounce will produce 1,000 plants.

For spring and summer sow in late February, March, early April, in hotbeds, transplanting to cold frames when of a sufficient size, then to the open ground when frost is over. The cultural directions for cabbage will apply to this crop, but the soil should be more heavily manured. Keep them well hoed, and bring the earth gradually up to the stems. Water freely in dry weather, especially when they begin to head. Never allow the plants to become crowded in the seed bed, transplant with great care, as any check will injure, if not entirely prevent the formation of the head. Persian insect powder will keep free from worms.

### Extra Early Danish. (See Cut.)

**Sure Heading Cauliflower ever offered.** A variety no gardener can afford to be without. We offer this year the finest strain of a Sure Heading Early Cauliflower that has ever been introduced to the gardeners of America and we challenge anyone to produce a variety that will surpass it in habit of growth, earliness or certainty of heading. It may truly be called "Surehead Cauliflower," as we learn it heads up under the most adverse circumstances when other varieties fail entirely. As may be seen by the name it is a European variety and we have procured our seed direct from one of the largest and most reliable seed growers in that part of the world. It is of dwarf, compact habit, valuable for either forcing or open ground. Pkt. 25c, 5 pkts. \$1.00, ½ oz. \$1.75, oz. \$3.00.



Half Long Danvers.

**Algiers Large Late**—Standard gardeners' sort.. Pkt. ½ oz. Oz. .10 .80 1.50  
**Autumn Giant**—Vigorous in growth, large, late .05 .40 .75  
**Erfurt Extra Early**—Valuable for forcing under glass ..... .20 1.75 3.00  
**Early London**—A standard early variety..... .05 .40 .75

**Early Snowball.** (Forcing selected stock.) One of the best for forcing under glass or for open ground. The plants are compact, heads solid, round, pure white. Many gardeners claim it by far the best sort for marketing, it may be planted close together, thus saving a large amount of ground space. We offer a carefully selected strain of this variety. Pkt. 20c, ½ oz. \$1.75, oz. \$3.00.

**Snow Storm.** A perfected variety for forcing or open ground culture. It is of dwarf, erect habit with stout outer leaves, enabling it to be planted as close as 2 feet apart each way. It forms large, crisp heads of snowy whiteness in a very short time after planting. Pkt. 25c, ½ oz. \$2.00; oz. \$3.50.



Cauliflower, Extra Early Danish.



German—Sellerie.  
Swedish—Selleri.

## SOME CHOICE CELERIES.

French—Celeri.  
Spanish—Apis.

Prices quoted by the packet, ounce, quarter pound, pound, pint and quart include the prepayment of postage by us. If wanted by express deduct 10 cents per pound.

One ounce will plant 50 hills. Two to three pounds will plant one acre.

**CULTURE**—Sow this slowly germinating seed in a shallow box or in straight rows in a finely prepared bed. See that the seeds are kept almost wet and only lightly covered until they germinate. Thin and transplant when about two inches high, so that when about 4 inches high the tops may be cut off, the plants standing about 3 inches apart. By cutting it makes the plants grow stocky. A good soil and plenty of water are essential to success. Set out about the middle of June or July, but good plants may be had by setting out as late as August. In setting, prepare broad shallow trenches about 6 inches deep and 4 feet apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Earth up a little during the summer, keeping the leaf stocks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and never hoe or earth up in moist weather or when the plants are moistened with dew. To preserve celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the celery in these, erect as they grew, with what dirt adheres to the roots, packing closely, but not crowding. After the trench is filled it should be covered with straw or leaves as a protection from the frost. Do not cover until the weather becomes quite cold, and then only a little at a time as the cold becomes greater. Celery will bear a good deal of frost. The trench must have good drainage.

### Golden Self-Blanching. (See Cut.)

This is the best celery for early use. Critical gardeners depend upon our stock of this sort to produce their finest early celery. Plants of a yellowish green color, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness and fine nut like flavor of this variety make it only necessary to be tried in order to establish it as the standard



Golden Self-Blanching.

Genuine French Seed.

of excellence as an early sort. Pkt. 10c, oz. 35c, 1-4 lb. \$1.25, lb. \$4.00.

**White Plume.** (See Cut.) We offer a choice strain of this valuable and popular variety. Our strain of White Plume is becoming more popular each season on account of the extreme care we use in selecting our seed. It is almost self-blanching, naturally its stalk and portions of the inner leaves and heart are so white that by closing the stalks, either by tying or simply drawing the soil up against the plant and pressing it together, the work of blanching is complete. Valuable for Fall and Winter use. A good keeper. Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. \$2.00.

	Pkt.	Oz.	1/4 lb.	lb.
<b>American White Solid</b> —A standard sort, of large size, pure white.	.5	.15	.40	1.40
<b>Boston Market</b> —White, crisp and solid, very dwarf, and tender.	.5	.15	.40	1.40
<b>Giant Pascal or Winter King</b> —Stocks large, solid, stringless.	.5	.15	.40	1.40
<b>Golden Heart</b> —Fine, large, solid, waxy golden heart.	.5	.15	.40	1.40
<b>Evans Temple</b> —A superior late sort, large and crisp.	.10	.20	.60	2.00



Celery Improved White Plume.

### CELERIAC OR TURNIP ROOTED CELERY.

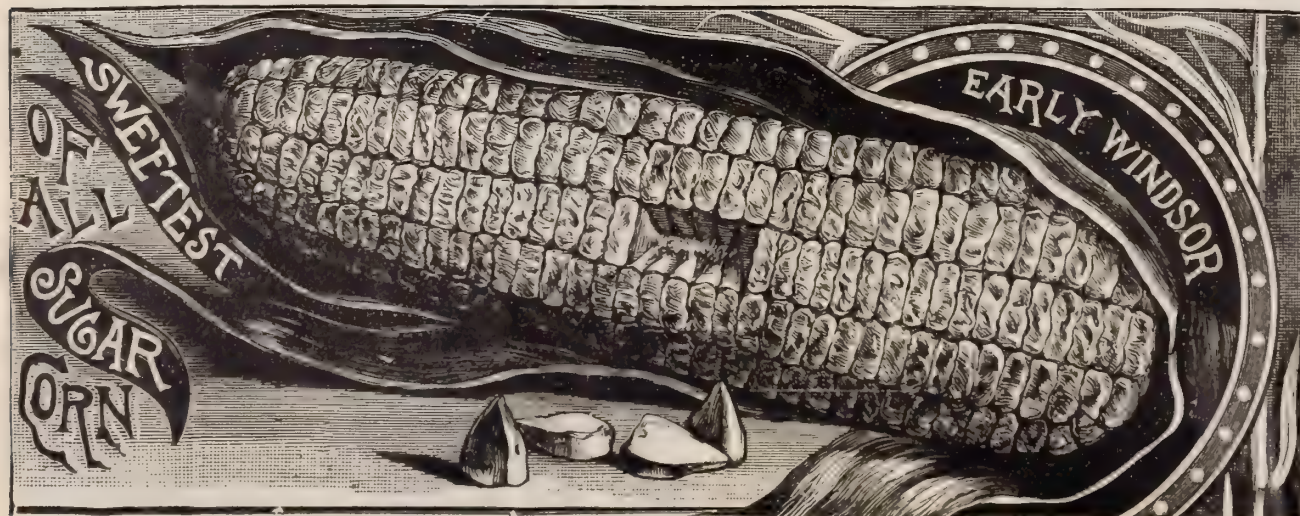
**APPLE**—Of regular shape, small leaves. Pkt. 5c, oz. 20c, 1/4 lb. 50c.

**LARGE ERFURT**—Root turnip shaped. Pkt. 5c, oz. 20c, 1/4 lb. 50c.

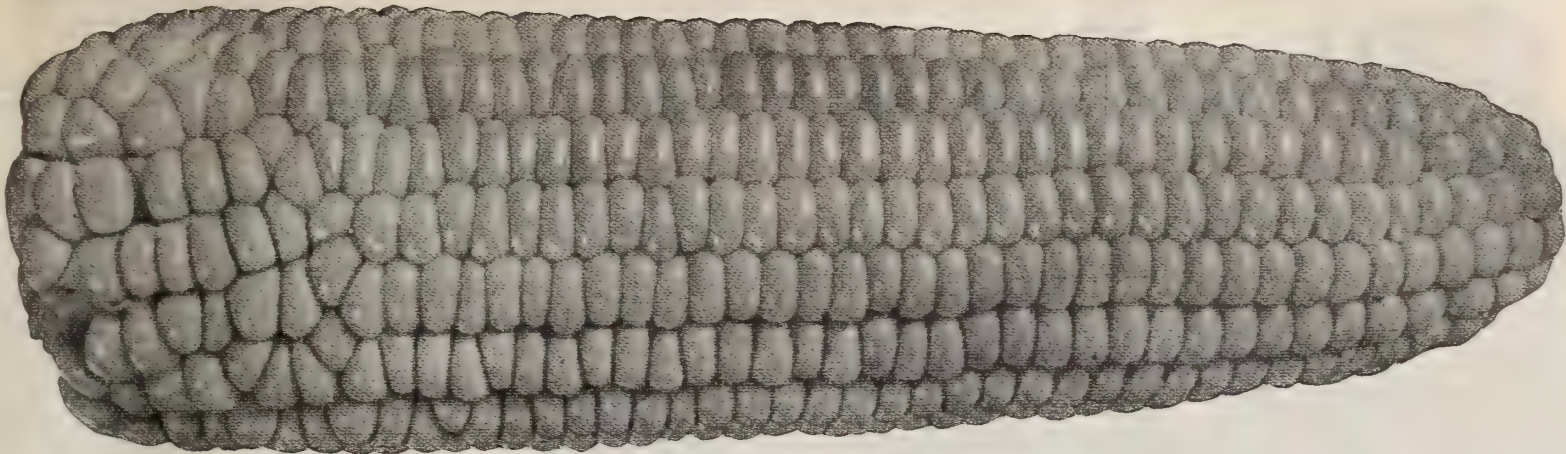
### SWEET OR SUGAR CORN.

**Early Windsor.** (See Cut.) The earliest of all sugar corns. Very sweet. The most delicious variety that can be grown. Extra early. It is remarkable

for its fine appearance so early in the season and while the ears are not quite so large as the late sorts, they are always well filled and the kernel is of the best quality. From actual tests in a fair season, good ears for boiling can be grown in 50 days from planting of seed. We have never seen anything that can equal Early Windsor, either for private gardens or for the largest gardeners, who make a specialty of supplying the early markets. We certainly recommend it very highly for we feel it will please every one of our customers who tries it. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.75.







Extra Early Premo. Engraved from a Photograph.  
**SWEET OR SUGAR CORN.**

German—Welchkorn.  
Swedish—Socker Majs.

French—Mais.  
Spanish—Maiz.

**CULTURE**—This requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1. and, if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 until the last of July, first planting early varieties, then later ones. Plant in rows three feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about 1 inch deep for early, and a little deeper for late. Thin to three plants in a hill. Give frequent and thorough but shallow cultivation until the tassels appear.

**Peep of Day.** See illustration from photograph, ear exactly natural size. This most valuable sort is of Minnesota origin, and is not only early, but one of the sweetest and best. The stalks grow from three to four feet high. Ears average from five to six inches in length and are of perfect form, being compactly filled from butt to tip with milky white kernels of luscious tenderness and deliciously rich flavor. The toothsome quality is retained a much longer time than with most corns. The plants are very healthy growers, and are wonderfully prolific. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.

**Adam's Extra Early**—Ears small, well filled with plump kernels.... Pkt. .05 Pt. .20 Qt. .35 Pk. .75 Bu. 2.50  
**Cory Red**—A very early variety, with good sized ears..... .05 .20 .35 1.00 3.25  
**Cory White**—Resembles the Cory Red, but has white cob..... .05 .20 .35 1.00 3.25  
**Crosby**—Early medium size, matures after Early Minnesota..... .05 .20 .35 1.00 3.25  
**Mammoth White Cory**—The largest strain of Cory, ears large, 12 rowed, covered with broad white grain..... .05 .20 .35 1.00 3.25  
**Minnesota Early**—A standard early, white cob, fine quality..... .05 .20 .35 .85 3.00  
**Metropolitan.** (See Cut.) An early variety possessing unusual merit. The strong stalks are 5½ feet high. The leaves are numerous. Each stalk produces 2 to 3 ears, which are set very low, not over 18 inches from the ground. The ears are uniformly 9 inches long, 10 to 12 rowed, well filled to the tip with large, deep, tender grains. One of the best of the true early sorts. The husk is thick, heavy and practically free from smut and worms. An admirable sort for table or market; particularly fine for shipping. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.

**Medium Early Sorts.**

**MAY'S ACME**—This we consider one of the best second early sorts. Ears large, 12 rowed, 8 to 10 inches long, remarkably productive. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.  
**MAMMOTH EARLY**—Ears large, well filled with broad kernels. Pkt. 5c, pt. 20c, qt. 35c, pk. 85c, bu. \$3.25.  
**PERRY'S HYBRID**—A large early variety, 12 to 14 rowed. Pkt. 5c, pt. 20c, qt. 35c, pk. 85c, bu. \$3.25.

**Late Sorts.**

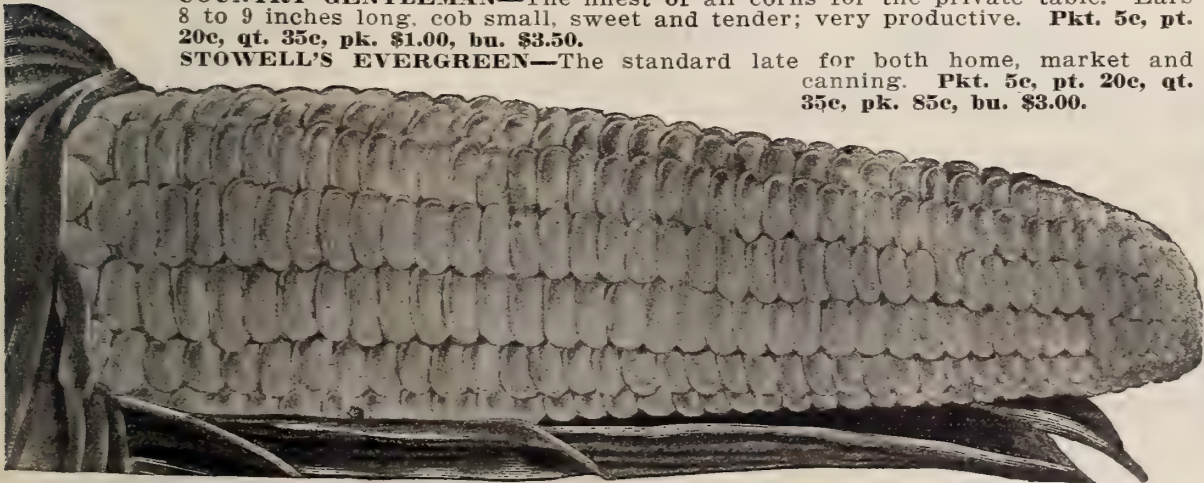
**COUNTRY GENTLEMAN**—The finest of all corns for the private table. Ears 8 to 9 inches long, cob small, sweet and tender; very productive. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.  
**STOWELL'S EVERGREEN**—The standard late for both home, market and canning. Pkt. 5c, pt. 20c, qt. 35c, pk. 85c, bu. \$3.00.

**Extra Early Sorts.**

**Premo.** (See Cut. An extremely early variety, usually fit to use in fifty days from time of planting. It is not only very early, but is one of the sweetest and best. This variety combines all the good qualities of the later sorts, is much hardier, and may be planted some days earlier without danger of rotting. It is a vigorous grower, stalks about 5 feet high, bearing two well developed ears to a stalk. Ears of good size, cob and kernel white. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.



Peep of Day. Actual size.



Metropolitan.





# May's Favorite Pickling

## CUCUMBERS.

German—Curfe. French—Concombre.  
Swedish—Gurka Spanish—Cohombro.

Prices quoted on Cucumbers include the prepayment of postage by us. If wanted by express or freight at purchaser's expense, deduct 10c per pound. Sow 1 ounce to 50 hills; 2 to 3 pounds in hills to the acre.

**CULTURE**—For very early, sow seeds in hot beds upon pieces of sod, or in small pots, and they can be readily transplanted with a gain of about six weeks before they can be sown in the open ground. Plant out in rich soil when danger of frost is over, or they may be protected by hand glasses, or even by paper held down at the corners with a handful of earth. For general crops, sow in the open ground as soon as weather is settled and warm, and again every two weeks for a succession. For pickles sow from the middle of June to the first week in July. Sod land, turned over in the fall, is the best for them. Plant in hills four feet apart, putting a shovelful of well-rotted manure in each hill.

### Cumberland.

(See Cut.) A distinct sort which is especially desirable for pickling. The vines are hardy, of strong vigorous growth and fruit freely. The young cucumbers are of even size and regular form, thickly set with small spines, and are equally attractive for making small Gherkins, medium sized or large pickles. Cumberland originates from a cross of the slender, thickly spined Paris Pickling and the popular White Spine. The straight, young fruits possess the distinctly roughened surface so much desired for small pickles. The large fruits average 9 to 10 inches in length, 2½ inches in diameter, with full rounded ends, and are of excellent quality for slicing. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

### May's Favorite Pickling.

The best of all Cucumbers for all purposes. For years we experimented with all the varieties of different cucumbers recommended for pickling purposes, testing them by the side of our "Favorite," but found none that equaled it either in yield or quality. In form it is solid and rather thick, flesh is crisp and exceedingly tender, although very firm. Taken all together it is about as near perfection for pickling purposes as a cucumber can be. We heartily recommend it to all our friends who desire a choice pickle, and know that thousands of our patrons who purchase it each year will gladly endorse our recommendation. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.



<b>Arlington White Spine</b> —Very early, deep green	.05	.10	.30	1.00
<b>Boston Pickling</b> —A popular pickling sort	.05	.10	.30	1.00
<b>Early Cluster</b> —Fruit borne in clusters...	.05	.10	.30	1.00
<b>Cool and Crisp</b> —Extra early, prolific....	.05	.10	.30	1.00
<b>Early Frame</b> —Medium, fine for table....	.05	.10	.30	1.00
<b>Green Prolific</b> —Dark green, uniform size.	.05	.10	.30	1.00
<b>Giant Pera</b> —Fine for table use.....	.05	.15	.35	1.25
<b>Jersey Pickling</b> —Standard pickling sort..	.05	.10	.30	1.00
<b>Long Green Improved</b> —Dark green.....	.05	.10	.30	1.00
<b>White Spine Improved</b> —Uniform in size, crisp	.05	.10	.30	1.00
<b>White Spine Extra Long</b> —Large, well shaped	.05	.10	.30	1.00
<b>West India Gherkins</b> —Small, prickly fruits	.05	.10	.35	1.25

**Klondike.** (See Cut.) This most excellent variety is of recent introduction and destined to become the most popular sort in cultivation. The fruits are of large, uniform size, most handsome appearance and delicious quality. In addition to this it comes into bearing very early, continuing right through the season until killed by frost. The fruit is firm and hard and keeps in prime condition a long time after picking. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

### ENDIVE.

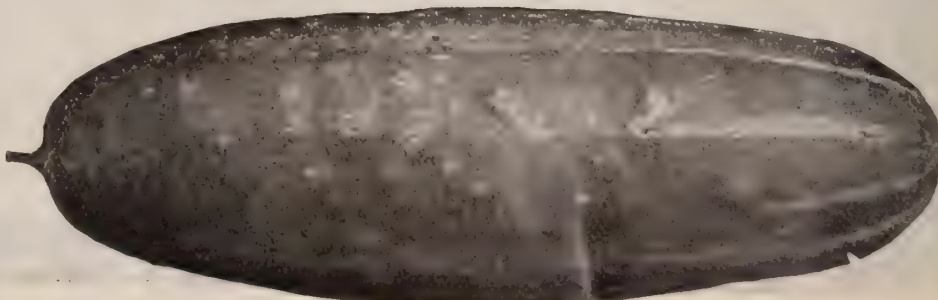
French—Chicoree Endive.  
Spanish—Endivia.

This plant furnishes leaves that make a splendid salad, coming in after lettuce is gone. It may be grown at any season, but is usually grown for late use. One ounce will sow 100 ft. of drill. **GREEN CURLED**—Very hardy, with curled, dark green leaves. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

**WHITE CURLED**—(See Cut.) Handsomely curled, of fine quality, a desirable sort. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

**BROAD LEAVED BATAVIAN**—Used in soups and salads. Leaves broad, thick, plain or slightly wrinkled. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

**GERMAN GREEN CURLED**—Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

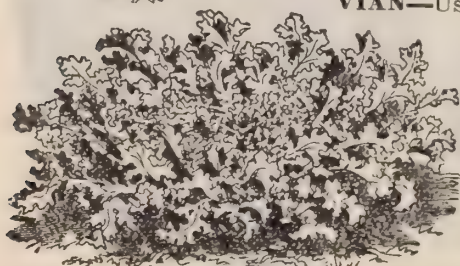
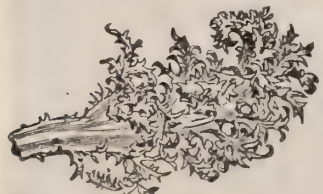


Klondike.

### Japanese Climbing.

A marvelous climbing variety introduced from Japan. The vines are strong growing and immensely productive, it being estimated that it will yield three times as much as any other variety in a given space. The cucumbers are about 10 inches in length, of a beautiful green color. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

### Cumberland.



Endive White Curled.





Nansen's North Pole.

plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. Sow in drills  $\frac{1}{4}$  inch deep, 18 inches apart, and thin to 12 inches apart in the rows.

**PRICES QUOTED** on lettuce include the prepayment of postage by us. If wanted by express or freight, deduct 10 cents per pound. By express or freight always means purchaser pays transportation charges. 1 oz. of seed for 2,500 plants.

<b>All Cream</b> —(May's.) Heads large, leaves rich creamy color, a very desirable sort.....	Pkt. .05	Oz. .10	$\frac{1}{4}$ lb. .30	lb. 1.00
<b>Butter Cup</b> —Leaves clear yellow, crisp and tender....	.05	.10	.25	.70
<b>Denver Market</b> —Heads large, forcing or open ground....	.05	.10	.25	.70
<b>Detroit Market</b> —Forcing, color light golden yellow...	.05	.10	.30	1.00
<b>Golden Gate</b> —Heads large, creamy yellow.....	.05	.10	.30	1.00
<b>Grand Rapids</b> —Fine for greenhouse forcing.....	.05	.10	.25	.70
<b>Hansen's</b> —Very large, solid, tender and crisp.....	.05	.10	.25	.70
<b>New York Improved</b> —A standard sort, heads large....	.05	.10	.25	.70
<b>Passion Black Seed</b> —A Drumhead sort, tender.....	.05	.10	.25	.70
<b>Philadelphia Butter</b> —Large heads of fine quality....	.05	.10	.25	.70
<b>Prize Head</b> —Large loose heads, tinged brown.....	.05	.10	.25	.70
<b>Simpson</b> —(Black seed.) Heads large, loose, light color	.05	.10	.25	.70
<b>Simpson</b> —(White seed.) A standard early sort.....	.05	.10	.25	.70
<b>Tennis Ball</b> —(Black seed.) Forms hard, close heads..	.05	.10	.25	.70
<b>Wonderful</b> —An all seasons sort, the heart is solid, bright green, crisp and tender.....	.05	.10	.30	.70
<b>Mammoth Butter</b> —Heads large, of fine quality.....	.05	.10	.30	1.00

**Nansen's North Pole.** (See Cut.) A solid sure heading variety, furnishing nicely blanched, crisp, buttery lettuce, early in the spring, either in the open ground, or in cold frames; also desirable for sowing in August and September for fall supply. Equally as sure heading as the Deacon, bleaches to a beautiful, golden yellow tint, of similar quality, but fully a week to 10 days earlier. The plants are compact, producing solid well folded heads 6 inches in diameter. The leaves are crisp, tender, and of a mild sweet flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

German—Eierpflanze. **EGG PLANT.** 1 oz. for 1,000 plants.

**Black Beauty.** (See Cut.) An early, large fruited variety, fully ten days to two weeks earlier than the Improved New York. The plants branch freely near the ground and grow in well rounded bushes. The fruit is large, thick and attractive. The skin is a rich purplish black. The fruit sets most freely and develops remarkably quick, so that the entire crop can be gathered before there is any danger of frost. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**BLACK PEKIN**—Black, fine grained and of delicate flavor. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

**EARLY LONG PURPLE**—Very early, fruit long, dark rich purple. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

**NEW YORK IMPROVED SPINELESS.** Large round, dark purple, very productive. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

French—Cho Rave.

**EARLY WHITE VIENNA**—Bulbs highly esteemed by market gardeners. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**EARLY PURPLE**—Very similar to the last, except in colors. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**LARGE GREEN**—(See Cut.) Late variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**LARGE PURPLE**—Extra large. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

## KALE OR BORECOLE.

German—Blatter Kohl. Spanish—Colde nabo.  
French—Chou Vert. Swedish—Motkal.

**DWARF GERMAN**—Green curled. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**DWARF GREEN CURLED SCOTCH**—A low growing sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**TALL SCOTCH**—Foliage deeply fringed, color, rich green, grows about thirty inches high, with an abundance of dark green leaves, which are densely curled and cut. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.



Maximum.

**Maximum.** (See Cut.) A strong growing and large heading, late summer sort. The plants are of strong, vigorous growth, the large outer leaves are a rich, bright green and grow well up around the large globular heads. They will measure 8 inches and over, and are tightly folded so that the interior portion is beautifully blanched, crisp, tender, with a mild, sweet flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.



May's Early Challenge.

**Early Challenge.** (See Cut.) A splendid head variety for home garden or marketing. As a head lettuce this is one of the finest we have ever seen. The leaves are of a large size, and form immense heads of a beautiful apple green shade. It matures quickly and is adapted for shipping purposes, as it retains its bright, fresh appearance longer than almost any other variety, and does not become tasteless or bitter with age. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.



Black Beauty.



Kohl Rabi.



Tall Scotch Kale.





**Rocky Ford.**

German—Muskat-Melone.  
Spanish—Melon Muscatel.

## MUSK MELONS.

**CULTURE**—Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 5 feet apart each way, 6 to 12 seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hotbed on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses. The quality of melons of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produces fruit of comparatively poor value.

**Rocky Ford.** (See Cut.) A sweet, luscious melon that has become world famous for its captivating flavor. "Rocky Ford" has proved to be a very valuable melon in every respect, somewhat resembling the old "Netted Gem" but is more oval in shape. The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fruits during the entire season. Fruits average five to six inches in length. The skin is of a rich, greenish-gold; the nutmeg is prominent and light in color; the flesh is very deep ripening clear to the rind, and it has a very small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character whatever. We have used the utmost care in selecting our seed of this variety, looking well to shape, size, solidity, depth of flesh, seed cavity, color of flesh and quality and know that it is the true Rocky Ford. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

**May's Netted Gem.** They ripen extra early, and grow to an average weight of one and a quarter pounds. The flesh is thick, sweet, juicy, fine grained and of a light green color. Skin a deep green, and heavily ribbed and netted. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.



**May's Netted Gem.**

## LEEK.

German—Lauch. French—Poireau. Swedish—Purjolok. Spanish—Puerro.  
**May's Exhibition.** This new variety is the most desirable sort ever introduced and should be given a trial by all lovers of this vegetable. It is extremely hardy, of enormous size, the stalk being tender up to a height of 15 inches or more. If you have never grown Leeks you should try this sort. Pkt. 10c, oz. 30c.

**AMERICAN BROAD FLAG**—The gardener's favorite. Plants strong, with broad leaves. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

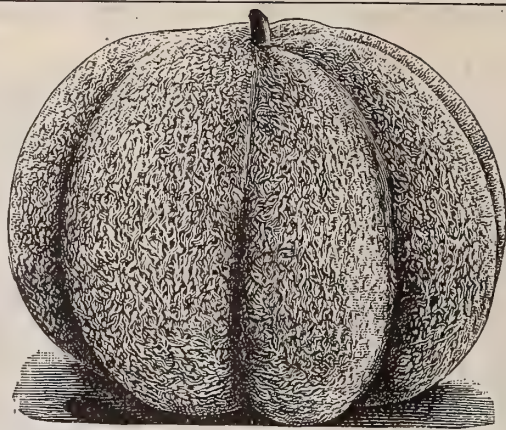
**LARGE CARENTAN**—Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

**MUSSELBURG**—Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

**LARGE ROUEN**—Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.



**McIvers's Wonderful Sugar.**



**Yellow Meated Japan.**

French—Melon Muscade.  
Swedish—Muskat Melon.

Prices quoted on musk melons include the prepayment of postage by us. If wanted by express, at purchaser's expense, deduct 10c per pound. 1 oz. for 60 hills, 2 to 3 lbs. in hills to the acre.



**Yellow Meated Japan.** (See Cut.) Where sweetness, combined with flavor, is desired, this variety will surely please, as it not only produces melons of large size, but has that crisp, sugary flavor so much desired in a musk melon. The flesh is firm, fine-grained, rich, deep yellow, and of highest flavor. Very popular with market gardeners, as it always commands a high price on the market. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.

## Hackensack, Extra Early.

(Green Flesh.) (See Cut.) This is a variety possessing all of the good qualities of the Large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c.



**Norfolk Button.**

## Green Fleshed Melons.

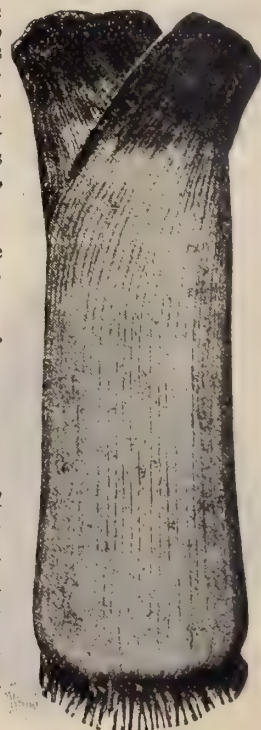
	Pkt.	Oz.	¼ lb.	lb.
<b>Acme—Oblong,</b> ....	.05	.10	.30	1.00
<b>Hackensack Large—</b> A large round sort	.05	.10	.25	.80
<b>Nutmeg Green—</b> The gardener's favorite	.05	.10	.25	.80

## Salmon Flesh Melons.

	Pkt.	Oz.	¼ lb.	lb.
<b>Cantaloupe, Long Yellow—Late</b> .....	.05	.10	.25	.80
<b>Cantaloupe, Round Yellow—</b> .....	.05	.10	.25	.80
<b>Orange or Miller's Cream—</b> .....	.05	.10	.30	1.00
<b>Paul Rose—Oval, flesh very sweet</b> .....	.05	.10	.30	1.00

## Norfolk Button.

Extremely early, very productive. The fruit is of the Jenny Lind type, flattened at both stem and blossom ends, ribbed and heavily netted with a distinct nub or "button" growing out of the blossom end, as if the fruit had attempted to make a second growth. The flesh is uniformly sweet and melting. This extra growth is a peculiarity of the earliest ripening strain, as well as an indication of finest flavor, and is eagerly sought for by buyers. The flesh is uniformly sweet and melting. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

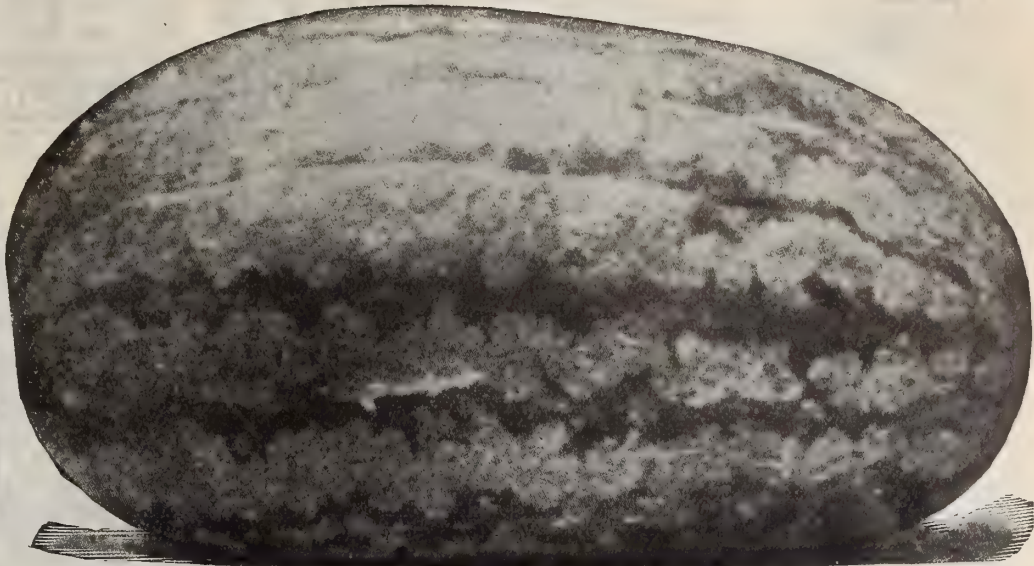
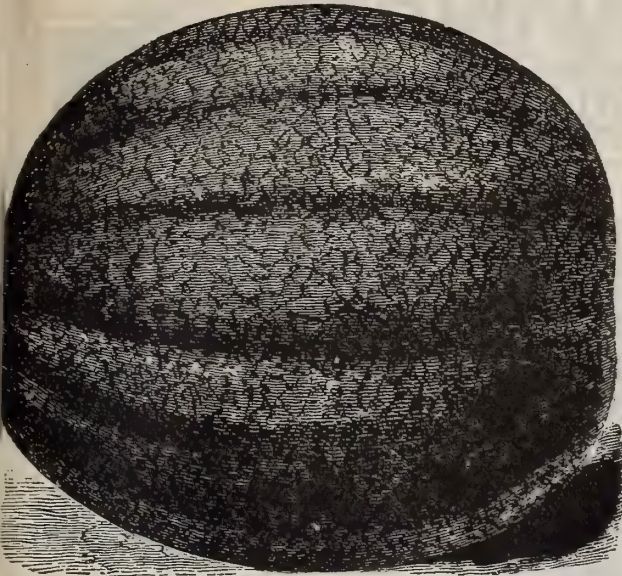


**Exhibition Leek.**

## WATER MELONS.

**McIvers Sugar.** This widely famous melon is of southern origin. It is of medium size, with striped or variegated exterior, beautiful red flesh, and light colored or white seeds. The flesh is entirely stringless, and of perfect quality, as to texture and sweetness. The vines are strong, thrifty and prolific, and well adapted to withstand either wet weather or drought. This melon has been extensively grown in the North and South, and has given the best of results in all sections. The Wonderful Sugar Melon should be grown in every garden. It is well adapted to nearby markets, but is rather delicate for long shipments. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.





**Fordhook Early.**  
German—Wasser-Melone. French—Melon d'Eau.

**CULTURE**—These require a rich, but rather sandy soil for the best results, and give the largest returns in warm latitudes, although of late years they are being extensively grown in the middle and northern states for home markets. Give the same care as musk melons, but have the hills at least double the distance apart.

**Fordhook Early.** (See Cut.) The earliest, large fruited melon in cultivation. The fruits are of good size, rather short and blocky in form, with large diameter. The skin is dark green, occasionally striped lighter green. The flesh is bright red, crisp, sweet and of splendid quality. Rind quite thin, but skin tough, making an excellent shipping variety. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**May's Ice King.** (See Cut.) The best flavored variety ever introduced. The melon for all sections. The best shipper and most productive variety ever offered. Grows to a good size; skin not thick, but exceedingly tough, and will stand almost any amount of rough usage, and therefore valuable for the large growers. The meat is a rich scarlet, tender, sweet and juicy. Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 75c.

	Pkt.	Oz.	¼ lb.	lb.
Alabama Sweets—Long, dark green, new.....	.05	.10	.20	.60
Black Diamond—Round, skin tough, large.....	.05	.10	.20	.60
Bradford—Large, long sort, dark green.....	.05	.10	.20	.60
Chilian—Crimson flesh of fine quality, rind thin,	.05	.10	.25	.75
Colorado Beauty—Oblong, slightly lobed, the heart is large, stringless, very sweet.....	.05	.10	.25	.75
Citron—Round, for preserving only.....	.05	.10	.20	.50
Florida Favorite—Oblong, early, flavor fine....	.05	.10	.20	.60
Harris Earliest—Oblong, skin mottled green and white, flesh sweet, juicy and crisp.....	.05	.10	.25	.75
Halbert Honey—For description see page 3.....	.10	.15	.30	1.00
Ice Cream—Oblong, large size, medium early...	.05	.10	.20	.60
Kentucky Wonder—Oblong, large, dark green..	.05	.10	.20	.60
Phinney's Early—Oblong, medium size, solid...	.05	.10	.20	.60
Sweetheart—Fruits large, oval, solid and tender	.05	.10	.25	.75
Kleckley Sweets—Sweet and fine flavored.....	.05	.10	.30	1.00

German—Senf. **MUSTARD.** Spanish—Mostazae.  
Swedish—Senap. French—Moutard.  
**BLACK OR BROWN**—Pkt. 5c, oz. 10c, lb. 40c.  
**OSTRICH PLUME**—Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.  
**WHITE OR YELLOW**—Pkt. 5c, oz. 10c, lb. 40c.  
**SOUTHERN CURLED**—Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

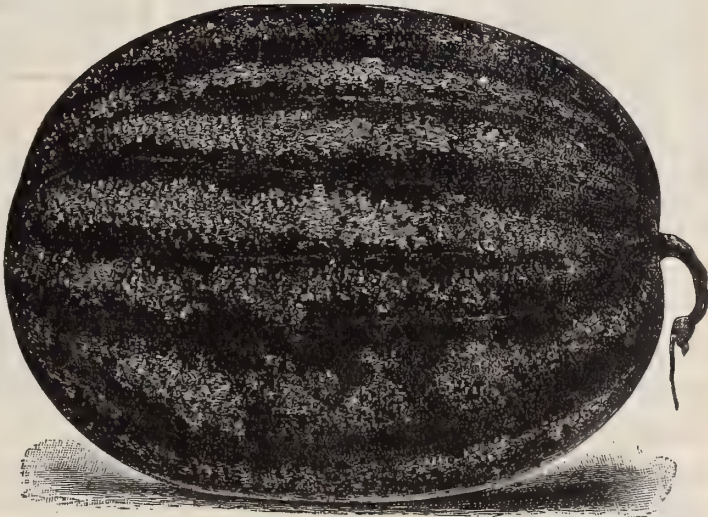
**Pure Culture Mushroom Spawn.** This is prepared by an entirely new process, and is far more productive than the English and French Spawn. By a scientific selection of large mushrooms for propagating purposes a new type has been developed possessing the following points of merit: **The mushrooms are much larger; their skin is tougher; their flavor is finer; they are more productive and come to maturity earlier.** The spawn usually sold has been prepared for months, much of its vitality being spent before it is planted. This spawn, however, is fresh made in this city and is sent out under our guarantee to grow if cultural instructions are followed. **Our leaflet on Mushroom Culture will be mailed free on request.** This spawn comes in bricks weighing 18 to 20 ounces each. **Price per brick 25c, 5 bricks \$1.00, 10 bricks, \$1.75, by express or freight.** If wanted by mail, add 20c per brick to cover postage. Prices on larger lots quoted on application.

## WATER MELON.

Price quoted on Water Melon seed includes the prepayment of postage by us. If wanted by Express or Freight at purchaser's expense deduct 10c per pound.  
One ounce of seed for 30 hills, 4 to 5 pounds in hills for 1 acre.

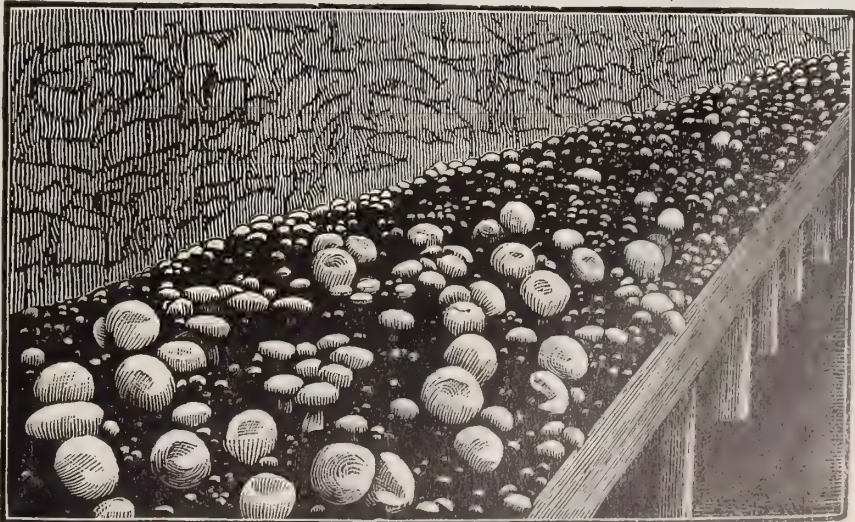
**Hoosier King.**  
Swedish—Vatten-Melone. Spanish—Sandia.

**Hoosier King.** (See Cut.) A large oblong sort. The flesh is brilliant red, solid, sweet and luscious; the rind is thin but tough, making it a good shipper. The beautiful markings, together with desirable shape, make it an attractive and salable melon. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



**May's Ice King.**

**MEXICAN SMALL SEED**—New and Distinct.—The melons are oblong, beautifully colored with dark and lighter green stripes, averaging 30 to 40 pounds, very early and productive. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



**Mushroom Spawn.**





German—Zwiebel.  
Spanish—Cebolla.

## ONIONS—MINNESOTA GROWN.

French—Ognon.

The wide popularity of Onions grown from this seed is well proven by the largely increased sales with which we are favored year after year. It is a well known fact that the farther north vegetable life is developed the stronger, hardier and better that development is. This is especially true regarding Onions grown from our Minnesota seed. They are earlier, hardier, finer flavored, better colored, firmer and in every way superior.

They yield better and bring a higher price in the market. As they cost no more than other seed our friends are urged to place their orders, large or small, with us for we guarantee our seed to give satisfactory results.

**May's Red Wonder.** (See Cut.) The earliest and best handsomest, finest flavored, earliest and most profitable red variety that can be grown. For some years past we have experimented with all the different varieties of red onions for early use, and now offer a carefully selected and improved strain that by actual tests has proven to be from ten days to two weeks ahead of Red Wethersfield. This alone will at once recommend it to the large growers, but in addition to this valuable point there are many others, such as fine shape, good flavor and wonderful keeping qualities. These will immediately stamp it as the coming red onion for all parts of the country. Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. \$1.00. 5 lbs. or over by Express \$5c per lb.

**Australian Brown.** Long keeper, early, fine cropper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

**Australian Yellow Globe.** Bulbs perfect globe shape, averaging 3 inches in diameter and one-half pound in weight, flesh pure white. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.00.

**Red Wethersfield, May's Selected.** (Minnesota grown.) We confidently recommend our strain of this favorite onion as the very best ever offered the gardeners of America. It grows with unusual regularity, and yields of over 1,000 bushels per acre have been reported to us from various sections. Onions weighing from one to two pounds are frequently grown from our selected strain in one season from seed. Extensively grown by gardeners who ship to distant markets. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

**Creole.** Bulb medium, flat, globe, of a dark straw color, flesh white. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.25.

Prices quoted on Onion Seed include the prepayment of postage by us. If wanted by express or freight at purchaser's expense deduct 10c per lb.

One ounce for 100 feet of drill, 5 or 6 lbs. in drills to the acre.

Culture—For sets sow the seed as early as possible in the spring, very thickly in drills, using 60 to 80 pounds to the acre. As soon as the tops die off in summer remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills 12 inches apart and about 4 inches apart in the drills. Onions of a large size are obtained by this process early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep, in March or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills. By sowing onion seed in frames in February or March and transplanting in April, onions of immense size can be obtained.

	Pkt.	oz.	¼ lb.	lb.
<b>NEW IMPERIAL.</b> Large, solid, fine grained.	.10	.15	.40	1.50
<b>PRIZE TAKER or SPANISH KING.</b> Large, silvery white.	.05	.10	.25	.85
<b>GOLDEN GLOBE.</b> Bulbs true globe, average 7 to 9 ounces.	.05	.10	.30	1.00
<b>RED FLAT EXTRA EARLY.</b> Medium size popular.	.05	.10	.25	.75
<b>PERFECTION RED GLOBE.</b> See inside back cover.	.05	.10	.25	.80
<b>PEERLESS WHITE GLOBE.</b> See inside back cover.	.05	.15	.35	1.20
<b>MINNESOTA YELLOW GLOBE.</b> See inside back cover.	.05	.10	.25	.75
<b>YELLOW DANVERS FLAT.</b> Med. size bulbs.	.05	.10	.20	.65
<b>YELLOW STRASBURG FLAT.</b> Fine grained.	.05	.10	.20	.65
<b>YELLOW MICHIGAN or OHIO GLOBE.</b> True globe.	.05	.10	.20	.70
<b>WHITE GLOBE SOUTHPORT.</b> Large solid.	.05	.15	.40	1.50
<b>WHITE PEARL.</b> Early, mild, fine keeper.	.05	.10	.35	1.10
<b>WHITE PORTUGAL.</b> For pickles and sets.	.05	.15	.40	1.35

**Red Globe Southport.** The gardeners' standard Red Globe. Bulbs large, handsome, almost perfect globe shaped, heavy, solid, big yielders and splendid keepers, flesh white. A very showy market onion. Minnesota grown seed. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c.

### Italian Sorts.

	Pkt.	oz.	¼ lb.	lb.
<b>BARLETTA WHITE.</b> Bulbs small flattened on top.	.05	.10	.30	1.10
<b>BERMUDA WHITE.</b> Similar to Red except color.	.05	.20	.65	2.25
<b>MAMMOTH SILVER KING.</b> Bulbs extra large.	.05	.10	.30	1.00
<b>PARIS PICKLING WHITE.</b> Early bunching.	.05	.15	.40	1.30
<b>QUEEN WHITE.</b> A choice pickling sort.	.05	.10	.30	1.10

### Onion Sets.

<b>WHITE BOTTOM.</b> Produces beautiful white bulbs.	Pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.00.
<b>RED BOTTOM.</b> The standard red sort.	Pt. 20c, qt. 35c, pk. 85c, bu. \$2.50.
<b>YELLOW BOTTOM.</b> Produces bulbs of good size.	Pt. 20c, qt. 35c, pk. 85c, bu. \$2.50.

Spanish—Quibombo.  
German—Safran.

### OKRA.

French—Gomb.

A vegetable that is extensively grown for its green pods, which are used in soups, stews, etc. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills.

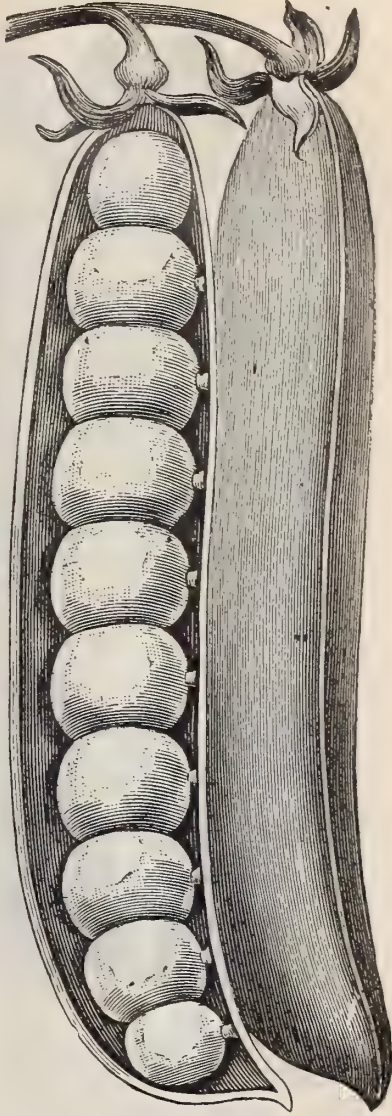
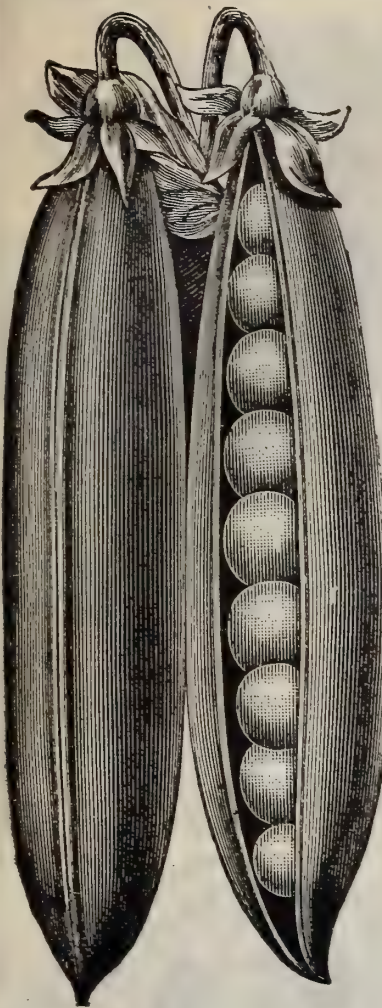
<b>PEKIN'S MAMMOTH LONG POD.</b> Dwarf.	Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.
<b>TALL GREEN.</b>	Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.
<b>DWARF GREEN.</b>	Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.
<b>ROUND POD or WHITE VELVET.</b>	Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Perfect  
Pickling,  
May's.

The best for pickling purposes. It grows rapidly but remains small and is of the mildest possible flavor, making the most desirable of all onions for this purpose. The onion is white, slightly flattened and exceedingly handsome, making it valuable for bunching to be sold at the market. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.75.





German—Erbsen.  
French—Pois.

A. Pod of Nott's Excelsior.  
**PEAS.**

Swedish—Arter.  
Spanish—Guizante.

Extra Early Varieties. Hand Picked.

1 quart for 75 feet of drill, 2 to 3 bushels in drills to the acre.  
**CULTURE**—The Pea is very hardy, and will endure a great amount of cold, either in or above the ground; it is well to sow some of the earliest varieties as soon as possible—the sooner the better—in warm, light soil, prepared the previous autumn. The general crop may be sown about two weeks later, and on somewhat heavier soil. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. **Sow Peas in drills about four inches deep.** The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support.

Prices quoted on peas by the packet, pint or quart include the prepayment of postage by us; if wanted by express or freight, deduct 8c per pint, 15c per quart. Express or freight always means purchaser pays transportation charges.

May's North West Premier. For illustration and description see page 2.

**Surprise or Eclipse.** (See Cut.) One of the best of the new wrinkled Peas, and is today very popular with gardeners. It has made an enviable reputation since it has been on the market. It is about or quite as early as the smooth varieties, and far superior to them in both quality and yield. It ranks with the very earliest of the wrinkled sorts. Pods are numerous. The vine grows twenty to twenty-four inches high, requiring no sticks. **The Surprise Pea has attracted universal attention, and has everywhere made a splendid record for both quality and quantity.** Its sweetness is noteworthy, and it bears with a profusion that is truly remarkable. **Its extreme earliness makes it one of the most profitable sorts for the gardeners to grow.** Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$5.00.

Alaska—One of the earliest blue peas,	Pkt. .05	Pt. .20	Qt. .35	Pk. 1.00	Bu. 3.50
<b>First and Best</b> —selected strain.....	.05	.20	.35	1.00	3.50

(See Cut.) The pods are of large size and resemble the Telephone in shape, always well filled with peas of the finest flavor. It ripens very quickly and must be picked as soon as fit for use. The vines are of unusually vigorous habit, growing about three feet in height and bearing long straight pods a trifle round at the point. The seed peas are extra large, wrinkled and of a creamy color. Pkt. 5c, pt. 25c, qt. 45c, pk. \$2.00, bu. \$8.00.

**Thomas Laxton.** (See Cut.) A cross between Gradus and one of the extra early sorts. Pods are large, containing from seven to eight large, wrinkled peas of the finest flavor. Pkt. 5c, pt. 25c, qt. 45c, pk. \$2.00, bu. \$8.00.

Early Dwarf Sorts.

**Nott's Excelsior.** (See Cut.) An improvement on the American Wonder. The vines are larger, more productive. The peas, in sweetness and quality are unsurpassed. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.00.

American Wonder.....	.05	.25	.45	1.75	6.00
Little Gem—Gardener's favorite..	.05	.25	.45	1.50	5.50
Premium Gem—Straight pods.....	.05	.25	.45	1.50	5.50
Tom Thumb—A standard.....	.05	.25	.45	1.50	5.50

Medium and Late Sorts.

**May's Midsummer.** This variety should be planted by all gardeners for use during the middle season. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

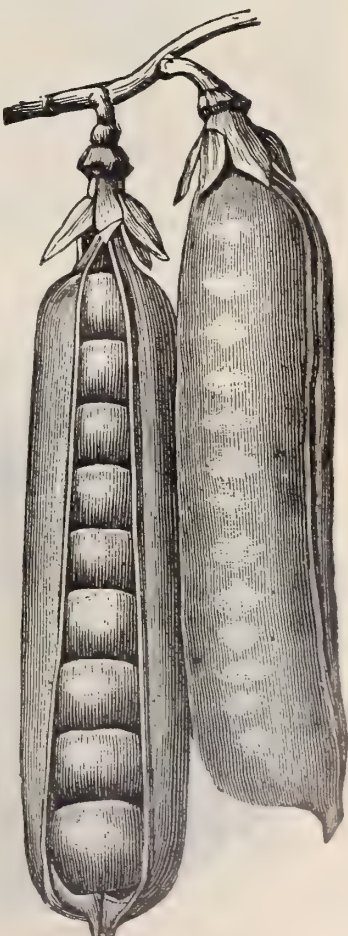
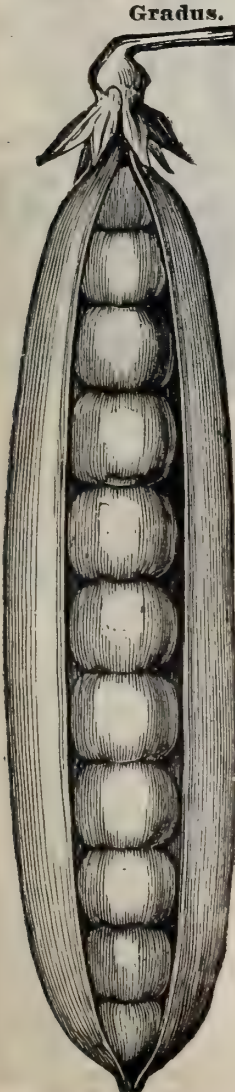
**PRIDE OF THE MARKET**—Pods very large. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$5.00.

Advancers—A desirable sort.....	.05	.20	.35	1.10	4.00
Abundance—Pods large, round....	.05	.20	.35	1.10	4.00
Everbearing—For main crop.....	.05	.20	.35	1.10	4.00
Stratagem—Of fine quality.....	.05	.25	.45	1.50	5.00
Black Eye Marrowfat.....	.05	.20	.35	.75	2.75
Champion of England.....	.05	.20	.35	1.00	3.50
Tall White Marrowfat.....	.05	.20	.35	.75	2.55

**Telephone**—For General Crop. Pods extra large, well filled..... .05 .20 .35 1.40 3.00  
**HORSFORD'S MARKET GARDENER**—Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.

**Dwarf Telephone or Daisy.** (See Cut.) The result of many years' experimenting, with the view of producing a pea with dwarf vines, bearing large pods and peas of the highest quality. Its habit is dwarf, stocky, healthy and vigorous, the vines under highest cultivation never growing more than 18 inches high. It is very productive, many plants bearing 5 to 7 pods. The pods are of large size, 4 to 5 inches long, well filled with large peas of the most delicious quality. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.00.

**Mammoth Melting.** The best of the edible podded sorts. Pods are large, tender. Vine 4 to 5 feet high. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.75, bu. \$6.00.



Superior or Eclipse.

Dwarf Telephone.



## PARSNIPS.

French—Panais.  
German—Pastinake.

Swedish—Palsternacka.  
Spanish—Pastinca.

Prices quoted by the packet, ounce, quarter pound, pound, pint and quart include the prepayment of postage by us. If wanted by express deduct 10 cents per pound.

**CULTURE**—Sow as early in spring as the ground can be worked, in rich soil, in drills 18 inches apart. The ground should be well and deeply dug. Thin to 6 or 8 inches in the rows.

**Magnum Bonum.** (See Cut.) A most excellent variety, introduced from Europe. The roots are oblong and grow mostly below the surface. The flesh is simply delicious, being solid, tender and very sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

	Pkt.	Oz.	¼ lb.	lb.
<b>Early Round French</b> —Roots broad, short .....	.05	.10	.15	.40
<b>Hollow Crown</b> —Roots oblong, smooth .....	.05	.10	.15	.40
<b>Improved Guernsey</b> —Half long .....	.05	.10	.15	.40

Swedish—Persilja.

## PARSLEY.

Parsley, May's Extra Curled.

German—Petersilie.

One ounce to 150 feet of drill.

**CULTURE**—Soak the seeds a few hours in luke warm water, and sow early in the spring, and until the middle of July, in drills 1 foot apart. Thin out the plants to 4 inches. To preserve in winter, transplant to a light cellar or cold frame.

**May's Extra Curled.** (See Cut.) A most desirable free growing variety of medium size, with handsome, bright, pale green leaves that are exceedingly showy. For garnishing and for decorations it surpasses any other varieties we have ever grown. Valuable for private gardens or for market use. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

## PEPPERS.

German—Pfeffer.  
French—Piment.

Swedish—Peppar.  
Spanish—Pimiento.

One ounce of seed for 1,000 plants.

**CULTURE**—Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. Peppers prefer good, rich, ground; the earth should be well pulverized to the depth of 8 to 10 inches.

**Parsnip, Magnum Bonum.**  
**Tobasco.** Of tall bush-like growth, producing small, very hot and fiery fruit one inch in length, color vivid scarlet. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

**Chinese Giant.** (See Cut.) A very large, fine, mild red pepper. Not only is it immensely productive for so large a pepper, but its enormous size and magnificent appearance make it sell most readily. The plants are vigorous in growth, well branched and thickly set with enormous fruits. Fruits blocky, 4 to 5 inches broad, color brilliant scarlet. Pkt. 10c, oz. 40c, ¼ lb. \$1.50, lb. \$5.00.

	Pkt.	Oz.	¼ lb.	lb.
<b>Chili Small</b> —Very productive, very small, red and very pungent .....	.05	.20	.60	2.00
<b>Golden Queen</b> —Very large fruits, rich golden yellow color; early .....	.10	.20	.60	2.00
<b>Large Bell</b> —Large bright red; largely used for pickling .....	.05	.20	.60	2.00
<b>Long Red Cayenne</b> —Pods long, narrow, hot and pungent .....	.05	.20	.60	2.00
<b>Red Cluster</b> —Grows in clusters, fruit upright, bright red .....	.05	.20	.60	2.00
<b>Ruby King</b> —Very early, large, fruit bright red, one of the best .....	.05	.20	.60	2.00
<b>Sweet Mountain</b> —Large size, regular, of mild flavor .....	.10	.20	.60	2.00

Swedish—Pumpa.

Spanish—Calabaza.

## PUMPKINS.

French—Courge.

German—Kurbis.

1 ounce to 30 or 50 hills, 3 to 4 pounds to the acre.

**CULTURE**—Pumpkins may be planted in the middle of spring among corn or in the field or garden in hills 8 to 10 feet apart each way, four seeds in a hill. In all other respects they are given the same cultivation as melons and cucumbers, but care should be taken to avoid planting them near other vines.

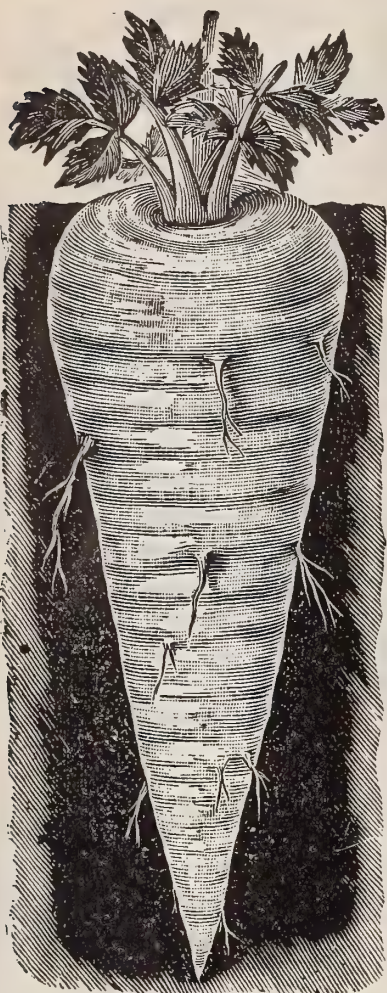
## Mammoth King.

Fruits grow to enormous size, sometimes reaching 2 feet or more in diameter and from 100 to 200 pounds in weight. Salmon orange skin, very thick, bright yellow flesh, which is fine grained, tender and of excellent quality for pies. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.

**King of the Field.** (May's) This is a greatly improved field variety, which is particularly desirable for stock feeding. It attains a good size, the flesh is fine grained, a rich yellow and of splendid quality. It is a wonderfully productive sort. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

	Pkt.	Oz.	¼ lb.	lb.
<b>Connecticut Field</b> —A standard round, yellow field sort .....	.05	.10	.15	.40
<b>Cashaw</b> —Crook neck, very popular in the southern states .....	.05	.10	.20	.65
<b>Etampes Red</b> —Flat shape, flesh thick, bright red, large .....	.05	.15	.40	1.40
<b>Golden Oblong</b> —Orange skin, flesh light yellow .....	.05	.10	.20	.65
<b>Japanese Pie</b> —Flesh salmon color, rich and thick .....	.05	.10	.25	.75
<b>Large Cheese or Kentucky Field</b> —Popular for family use .....	.05	.10	.15	.40
<b>Mammoth Tours</b> —Flesh thick and sugary, large size .....	.05	.10	.15	.50
<b>Negro or Nantucket</b> —Vines vigorous and productive .....	.05	.10	.20	.65
<b>Sugar</b> —Early, prolific and very sweet; orange color .....	.05	.10	.20	.60
<b>Tennessee Sweet Potato</b> —Bell shaped, white flesh .....	.05	.10	.20	.75

**French Prize.** (See Cut.) A giant variety, introduced in this country from France. Just the variety to grow if you want to take First Prize at your County or State Fair this coming season. It grows to an enormous size, single specimens having been known to weigh nearly 300 pounds. Although it attains such a large size, the flesh remains tender, thick and sweet. We have obtained our seed direct from large growers and are headquarters for it in America. Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. \$1.00.



French Prize.





Triumph.

**Triumph Forcing.** A desirable forcing sort. The roots are about the size and shape of Scarlet Turnip, white tipped, forcing, but are creamy white, beautifully marked with spots and dashes of carmine. The tops are small. The roots mature as early as any variety in cultivation. Desirable on account of its distinct beauty, earliness and good quality. **Pkt. 10c, oz. 15c, ¼ lb. 20c, lb. 60c.**

**Crimson Giant.** This new variety, introduced last year, differs radically from all other existing sorts. Its roots attain more than double the size of those of other globe varieties, without becoming pithy or hollow. The new Giant develops roots 6 to 7 inches around, weighing over an ounce, their pure white flesh remaining firm, crisp and of mildest flavor. The roots are almost perfect globes, of a deep crimson color. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

**Rosy Queen.** Valuable for forcing or open ground culture. It ripens almost as early as **Queen of the Market** and has a very small top, so that it may be planted very close. We have carefully selected this seed, and grow it exclusively for our own trade. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

### Turnip Shaped Sorts.

	Pkt.	Oz.	¼ lb.	lb.
<b>Deep Scarlet—(Forcing.)</b> Globe shaped, early and very fine.....	.05	.10	.15	.50
<b>Scarlet Turnip—</b> Very early; handsome color, crisp and tender....	.05	.10	.15	.45
<b>Scarlet Turnip, White Tip—</b> The market gardener's favorite, early	.05	.10	.15	.45
<b>White Turnip—</b> Both skin and flesh pure white, tender and crisp..	.05	.10	.15	.50
<b>Scarlet Globe—</b> Fine for forcing or open ground.....	.05	.10	.15	.50

### Olive Shaped Sorts.

	Pkt.	Oz.	¼ lb.	lb.
<b>Carminc Extra Early—</b> .....	.05	.10	.15	.50
<b>French Breakfast—(Forcing)</b> .....	.05	.10	.15	.45
<b>Scarlet Olive Shaped—</b> .....	.05	.10	.15	.50
<b>White Olive Shaped—</b> .....	.05	.10	.15	.50

### Long Red Sorts.

	Pkt.	Oz.	¼ lb.	lb.
<b>Chartier—</b> Long crimson.....	.05	.10	.15	.45
<b>Cincinnati Market—</b> .....	.05	.10	.15	.50
<b>Long Brightest Scarlet—</b> .....	.05	.10	.15	.50
<b>Wood's Early Frame—</b> Long..	.05	.10	.15	.50
<b>Paris Beauty—</b> Bright, crisp... ..	.05	.10	.15	.50

### Long White Sorts.

**Icicle.** (See Cut.) It is long, slender and most attractive. The young radishes are ready for use in from 20 to 22 days from sowing the seed, and are fresh, crisp and tender. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

	Pkt.	Oz.	¼ lb.	lb.
<b>Naples—</b> Crisp, of fine flavor..	.05	.10	.15	.50
<b>Lady Finger—</b> Long, slender..	.05	.10	.15	.50

### Summer Sorts.

	Pkt.	Oz.	¼ lb.	lb.
<b>Philadelphia White Box—</b> .....	.05	.10	.15	.50
<b>Large White Turnip—</b> Early..	.05	.10	.15	.50
<b>Strasburg White—</b> Popular... ..	.05	.10	.15	.45
<b>Stuttgart White—</b> .....	.05	.10	.15	.50

### Winter Sorts.

	Pkt.	Oz.	¼ lb.	lb.
<b>Black Spanish Long—</b> Hardy..	.05	.10	.15	.50
<b>Black Spanish Round—</b> Globe shaped .....	.05	.10	.15	.50
<b>California White Mammoth—</b>	.05	.10	.15	.50
<b>China Rose—</b> Popular winter sort .....	.05	.10	.15	.50
<b>China New Round Scarlet—</b> crisp .....	.05	.10	.15	.50

## RADISHES.

French—Radis. German—Rettig.  
Spanish—Rabano.

**Prices quoted on Radish seed include the prepayment of postage by us. If wanted by express or freight deduct 10c per pound. One ounce to 100 feet of drill, 8 to 10 pounds to the acre.**

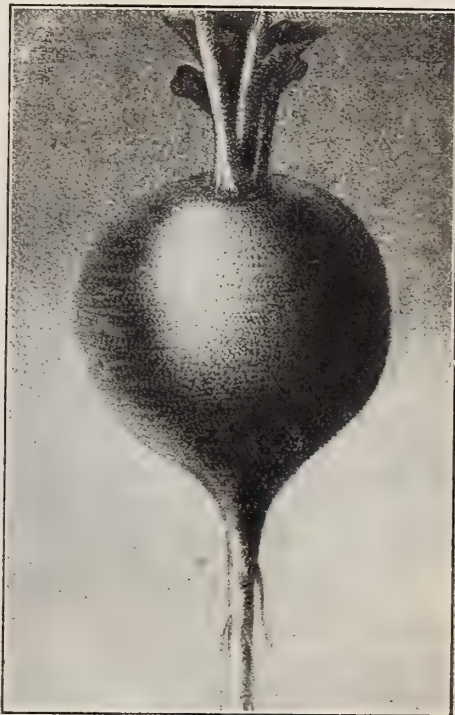
**CULTURE—**The radish is cultivated for its roots, which should be eaten when young and tender, as in maturing it becomes strong, tough and pithy. It should be sown for early use as soon as the ground can be well prepared, and for succession, at intervals of two or three weeks throughout the season, in rich, loose, warm soil, as the quality depends largely on its rapid growth. Sow in rows a foot apart, and thin to two inches in the row.

### Queen of the Market.

Earliest turnip radish in the market; matures in 20 days. A rapid grower, being ready for use a week or ten days ahead of the Early Scarlet Turnip and remains crisp and tender longer than any radish of its shape. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**



Queen of the Market.



Crimson Giant.



Icicle.



Rosy Queen.





Spinach, Perfection Curled.

## SPINACH.

1 ounce for 100 feet of drill; 10 pounds for 1 acre in drills.

**CULTURE**—Sow in early spring, in drills a foot apart, every two weeks for a succession, and as it grows thin out for use. Keep clear of weeds. For fall use sow in August, and for winter crop in September.

**MAY'S PERFECTION CURLED**—(See Cut.) A splendid large variety, with large, thick, finely curled leaves produced in large numbers. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**CURLED BLOOMSDALE**—Large, curled and wrinkled; leaves tender. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 30c.

**LONG STANDING**—Dark green; leaves large and thick, fine for spring sowing. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 30c.

**ROUND THICK LEAF**—Leaves large, dark green, for fall or spring sowing. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 30c.

**VICTORIA**—Extra dark black green leaves. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 30c.

**VIROFLAY**—The favorite market gardener's sort. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 30c.

**NEW ZEALAND**—Produces large quantities of leaves throughout the season, and can be cut continuously. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**SPECIAL PRICE**—In 10 pound lots or over we will supply seed of the following sorts: Round Thick Leaf, Long Standing, Prickly Seeded, Victoria, Viroflay or Bloomsdale at 18c per pound by express or freight. Purchaser pays the transportation charges.

## Squash, Winter.

**Golden Bronze.** A cross between Bay State and Boston named, with stem and blossom end precisely like that variety, also having that peculiar wrinkled appearance of the skin, like the Boston Marrow. Size averaging from 8 to 10 pounds; color a dark, grayish green with bronze

on upper surface when ripe; flesh an exceedingly bright golden yellow; fine grained, very sweet and of delicious flavor. Early in maturing, a good keeper and yielder.

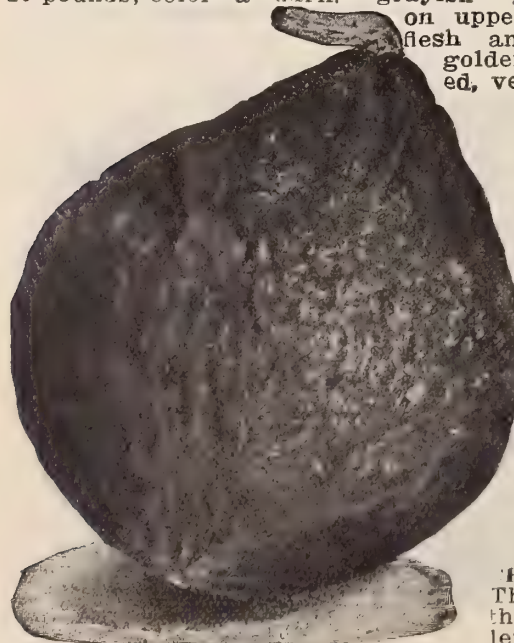
Squashes of very uniform size and appearance. As a squash, combining the qualities desired for the table and pies, this has no superior. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

**BOSTON MARROW**—Salmon flesh. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**MAMMOTH CHILI**—Largest of all squashes. Round, flattened at the ends. Rind deep orange; flesh dark yellow, thick and nutritious. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

**SIBLEY, OR PIKE'S PEAK**—Popular late sort. Skin smooth, color pale green; flesh thick. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

**CHICAGO WARTED HUBBARD**—This is similar in size and quality to the well known Hubbard. An excellent keeper and of splendid quality. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.



Golden Bronze.

## RHUBARB.

German—Rhabarber. Swedish—Rabarber. French—Rhubarbe. Spanish—Ruibarbo. **CULTURE**—Rhubarb gives the best results when grown in deep, rich soil, that has been worked to a depth of at least one foot. Sow in drills one inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall, setting them about 4 feet apart each way and give a dressing of coarse manure each spring. The stalk should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed.

Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight, at purchaser's expense, deduct 10c per pound.

**MONARCH**—(See Cut.) The largest, strongest growing and best flavored variety that has ever been introduced. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.



Rhubarb, Monarch.

**LINNAEUS**—Very prolific, large, tender and very fine. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50. **VICTORIA**—A good market sort, stalks red, very large. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

## Rhubarb Roots.

They are large and will have to be sent by express, purchaser to pay transportation charges. No orders accepted for less than one dozen. First-class roots \$1.50 per dozen, \$8.00 per 100.

## SALSIFY, or VEGETABLE OYSTER

German—Hafer-Wurzel. Spanish—Ostra Vegetal. French—Salsifis. Swedish—Bockskagg.

8 to 10 pounds to the acre.

**CULTURE**—Sow as early as the ground can be worked in the spring, in drills 12 inches apart, one inch deep, thin out to 6 inches in the row. Keep free from weeds. A part of the crop may be left in the ground until spring.

**LONG WHITE**—Roots medium size, smooth, flesh white. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c.

**MAMMOTH SANDWICH ISLAND**—Larger, stronger growing and less liable to branch than the above. Invaluable to market gardeners. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.00.

## SQUASH, Summer.

**CULTURE**—Sow in hills, the Bush varieties three to four feet apart, and the running kinds six to nine feet apart.

**CROOKNECK YELLOW**—A small crook-necked sort. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**WHITE BUSH SCALLOPED**—Grown for first crop, ripens early. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**YELLOW BUSH**—Skin deep orange. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

## Squash, Winter.

**Golden Hubbard.** (See Cut.) The best fall and winter of the green Hubbard, except in color, which is bright orange red, very showy and attractive. The fruits are uniform in size, weighing from 6 to 8 pounds, and in shape are like the green Hubbard. The flesh is deep orange, very dry, fine grained and of excellent flavor. Fruit matures very early. Their keeping qualities are fully equal to the green variety. Vines vigorous, productive. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

**HUBBARD**—A favorite. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.



Golden Hubbard.



### TOMATOES.

German—Liebesapfel. Spanish—Tomate.  
French—Tomate.

Prices quoted on Tomato Seed include the pre-payment of postage by us. If wanted by express or freight, deduct 10c per pound.  
One ounce for 1,500 plants, ¼ pound to transplant for one acre.

**CULTURE**—Sow in hotbed in early spring, or the seed may be sown in shallow boxes and placed in a window, where one does not wish to have the trouble of making a hotbed. Transplant to the open ground when all danger of frost is past, setting the plants 3 or 4 feet apart each way. Some support should be provided for the plants, to keep the fruit from touching the ground; brush, hay or anything of the sort will answer the purpose, or they may be tied to stakes. Fruit may be had several weeks earlier by sowing the seed quite early and transplanting to small pots; when these are filled with roots, shift to a larger size, and transplant to open ground when weather is warm and settled, shading from sun a day or two. **Our Extra Early Tree requires no support at all, and produces a most delicious tomato, solid and of the best flavor.**

**First of All, May's.** (See Cut.) Leads all other varieties by nearly ten days in earliness. This marvelous Tomato has been tested with nearly every known kind claiming earliness, and beats them all by a week to ten days. The fruit is of good size, smooth, solid and of the finest flavor. It is equally desirable for both market and home use. It is the only thoroughly first-class extra early variety for general use we have ever found, and none of our patrons who desire an extra early tomato should fail to secure the First of All. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

**Matchless.** (See Cut.) A bright red, main crop variety. A splendid keeper and shipper. Less liable to crack in wet weather than most sorts. Fine for market or table. The plant is a strong grower. The fruits are large, perfectly smooth, free from core, with very small seed cavity. Pkt. 5c, oz. 20c, ¼ lb. 75c, lb. \$2.50.

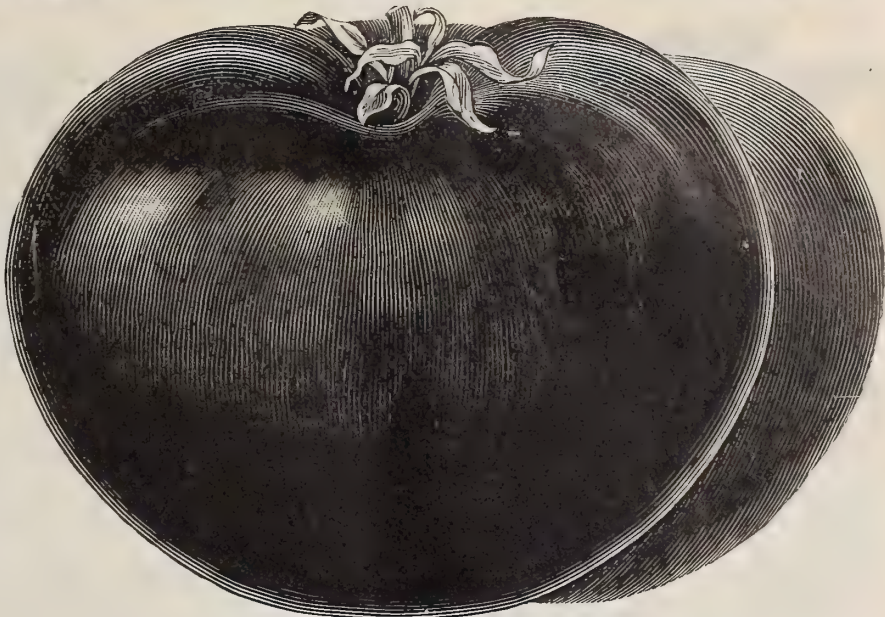
<b>Acme</b> —Medium size, smooth and good; purplish pink color	Pkt.	Oz.	¼ lb.	lb.
<b>Atlantic Prize</b> —Extra early, bright red, smooth and solid	.05	.20	.60	2.00
<b>Aristocrat Dwarf</b> —Vines erect, strong, fruit bright red	.05	.20	.60	2.00
<b>Beauty</b> —Large, smooth, dark purplish red, flesh thick	.10	.25	.75	2.50
<b>Champion Dwarf</b> —Quite distinct, early; fruit like Acme	.05	.20	.60	2.00
<b>Crimson Cushion</b> —Extra large, crimson; very productive	.05	.25	.75	2.50
<b>Earliana</b> —Extra early, fruits large, red, smooth	.10	.25	.85	3.00
<b>Freedom</b> —Early, regular and uniform; bright scarlet	.10	.25	.85	3.00
<b>Enormous</b> —A large, new, smooth, deep red tomato	.10	.25	.85	3.00
<b>Honor Bright</b> —Rich, bright red, long keeper, fine shipper	.05	.20	.60	2.00
<b>Magnus</b> —Medium early, perfect in form, attractive	.05	.20	.60	2.25
<b>Michigan Early</b> —Fruits smooth, uniform in size and color	.05	.20	.60	2.00
<b>Minnesota Queen</b> —Extra early, vines vigorous and productive	.05	.20	.75	2.50
<b>New Century</b> —Fruit dark scarlet, perfectly smooth	.05	.20	.60	2.00
<b>Perfection</b> —Fruits large, round, smooth, fine quality	.05	.20	.60	2.00
<b>Success</b> —New, regular and uniform; bright scarlet	.05	.20	.65	2.25
<b>Ponderosa</b> —Largest sort in cultivation, a monster	.05	.25	.85	3.00
<b>Royal Red</b> —Fruits large, bright red, vines vigorous	.05	.20	.60	2.00

**Strawberry or Husk.** (See Cut.) Plants of low, spreading growth and immensely productive. The small yellow fruits are each enclosed in a husk or covering. When ripe the fruits are half an inch in diameter, bright yellow and of very sweet flavor, highly esteemed for preserving or making pies. Pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.50.



#### Small Fruited Sorts.

**CHERRY RED**—Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.  
**CHERRY YELLOW**—Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.  
**PEACH CALIFORNIA**—Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.  
**PEAR RED**—Fruit handsome. Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.  
**PEAR YELLOW**—Handsome. Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.  
**PLUM RED**—Bright red, Pk. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.  
**PLUM YELLOW**—Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.50.



**May's First of All.** (See Cut.) Extensively advertised and sold at 25c per packet. It is certainly a splendid tomato. Many large growers prefer it to any other sort on account of its earliness and quality. Fruit round, smooth, medium size. Another point that particularly recommends it is the fact that it requires no support even when laden with fruit, the stiff branches holding the tomatoes far above the ground. We have the true seed stock, and can supply it much lower than it was offered last season. Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.50.



May's Extra Early Tree.



Matchless.







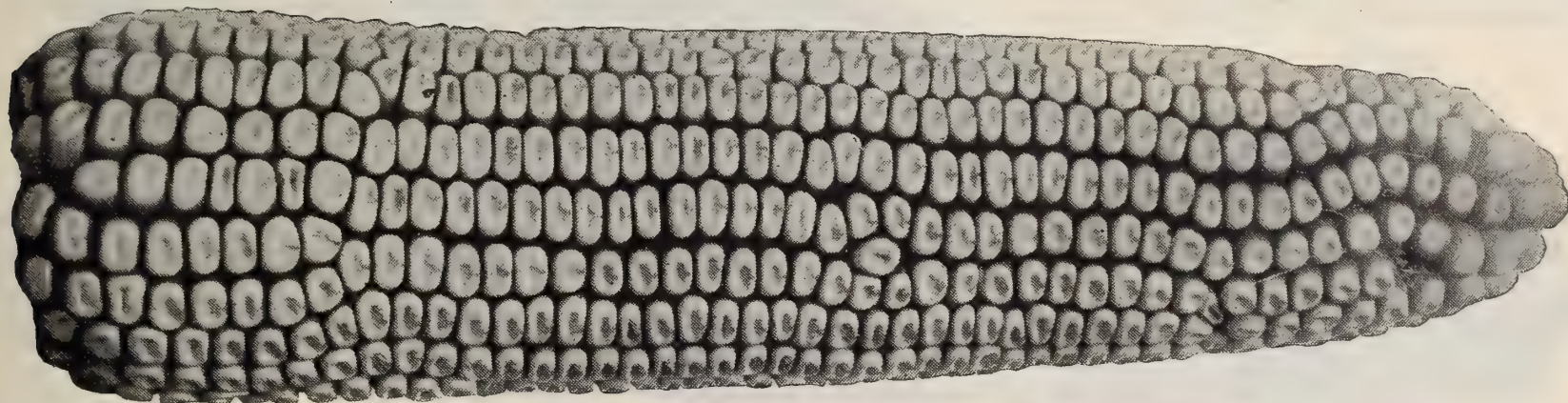
# MAY'S NORTHERN GROWN FARM SEEDS

ALWAYS BRING BIG CROPS

**PRICES QUOTED ON FARM SEEDS** by the pound include the prepayment of postage. Larger quantities we do not deliver free, but send by express or freight at purchaser's expense, making no charge for packing, cartage, bags or delivery to any railroad station or express office in St. Paul.

**MARKET CHANGES.** Owing to the unsteady condition of the markets this season, prices are constantly changing. The prices given here are those ruling at the time when this catalogue was published, January 1st. Should our prices on any item seem high, we would consider it a favor if our customers in making up their order for Farm Seeds in large quantities would write us, and we will be pleased to quote prices.

**NOTE.**—We pay particular attention to this department of our business. These seeds are selected with special reference to their quality. Customers may rely on our exertions to furnish all seeds fresh, pure and free from noxious or foreign seed. The seed we offer is all re-cleaned by the best up-to-date machinery.



Mayfield Earliest. (Engraved from a photograph.)

**Abundance Corn.** The most productive, large eared, yellow dent variety ever introduced. The greatest corn for the North, South, East and West ever placed upon the market.

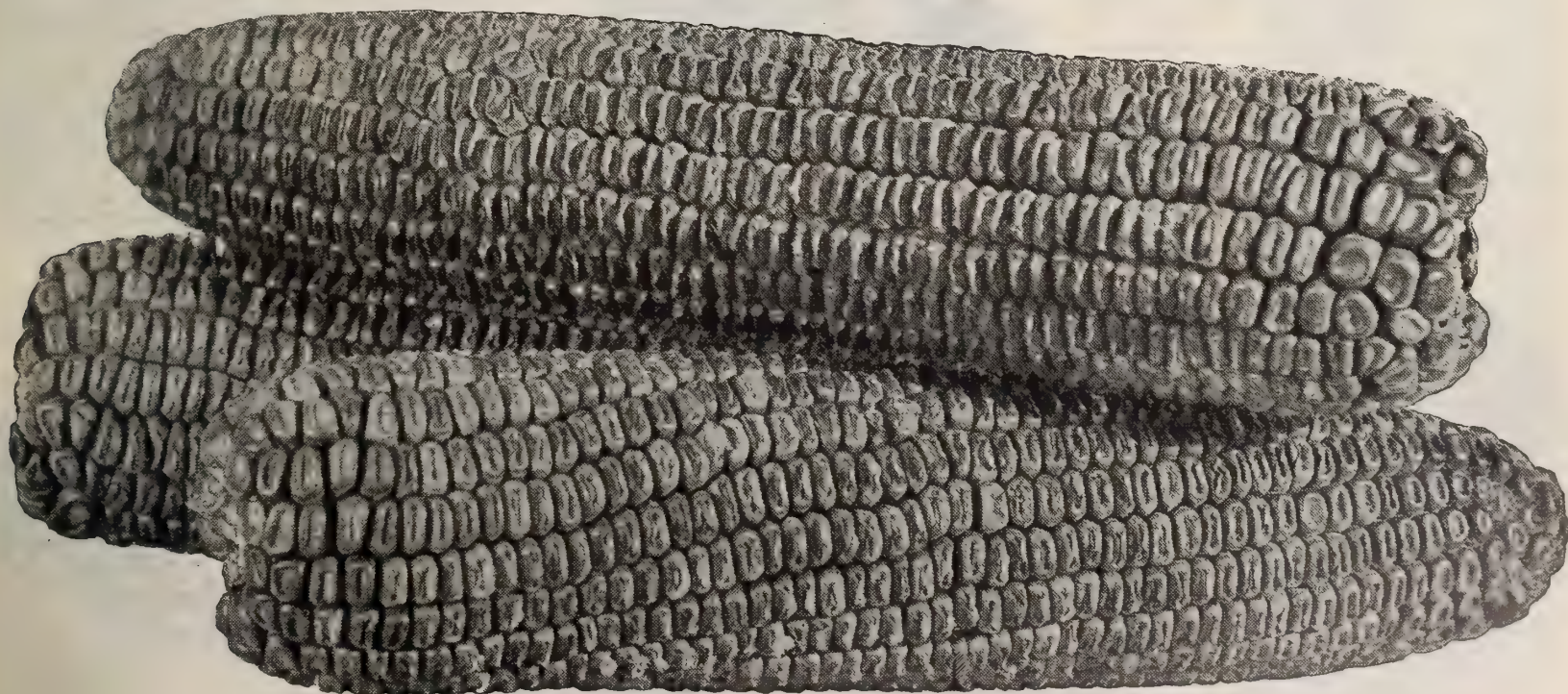
**ITS GROWTH** is wonderfully strong and vigorous, the roots penetrating the soil a great distance, rendering it almost drought proof. The stalks grow 7 to 8 feet high and are well set with ears  $3\frac{1}{2}$  to 4 feet from the ground.

**ITS PRODUCTIVENESS** is the marvel of all who have grown it. Where other varieties have 1 to 2 ears to the stalk, Abundance has 2 to 3, only 1 ear to the stalk being a very rare occurrence. The ears are just the right size—10 to 12 inches long, and are well filled to the tip with from 14 to 18 rows of very long, rich, golden yellow kernels. The yield is invariably very large, 200 bushels of shelled corn being no uncommon crop.

**ITS APPEARANCE** is all that can be desired in any corn. The color is most attractive, the cob small, the kernels long, 70 pounds in the ear invariably making 64 pounds of shelled corn.

**IT MATURES** in from 90 to 95 days from planting, rendering it early enough for all corn sections. Even in the extreme North, if planted in May, it will mature before September 1st. It is the best corn for all sections that we have ever offered, and we know our farmer friends will thank us for recommending it to them. Lb 25c, postpaid; pk. 50c, bu. \$1.75, bag ( $2\frac{1}{2}$  bu.) \$4.00.

**Mayfield Earliest.** A new Drought Proof, White Dent Corn. This excellent variety, introduced for the first time last season, possesses so many good points that we unhesitatingly pronounce it the best White Dent variety in existence. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The corn matures 80 days from planting. This renders it invaluable to the farmers of the Northwest. It is a heavy yielding variety, nearly all stalks bearing two ears, some three, and but very few less than two. The kernels are very deep, the cob very small. It will yield more shelled corn per acre than any variety we have ever grown. The kernels are plump, hard and well matured clear to the tip of the ear. It makes most excellent flour, being pearly white, fine grained and of excellent flavor. The ears are of medium length, with from 14 to 16 closely set rows of kernels. It is the Earliest, Hardest, Most Productive, Most Beautiful, High Bred, Pure White Dent Corn ever introduced, and will prove of inestimable value to the farmers of the Northwest. With this famous variety, corn raising in North Dakota and Northern Minnesota is an assured fact, and Wheat which has been King for so many years in these sections, finds a worthy rival in Corn. With the introduction of corn there follows stock raising and diversified farming, making the great northwest not only the granary but the best meat producing centre of the whole country. Lb. 25c, postpaid; pk. 50c, bu. \$1.75, bag ( $2\frac{1}{2}$  bu.) \$4.00, by express or freight.



Abundance. (Engraved from a photograph.)



# THE GREAT YELLOW FLINT CORN, PRIDE OF CANADA

The Corn for the Extreme North.

The greatest of all the flint varieties. Ears long, of rich yellow color. **Enormously productive, out-yielding any field corn we have ever grown.** Will prove to be of the greatest value to the farmers of the far North. Ripens earlier than any of the flints. Don't fail to try it if you want a big yielding flint corn. **Lb. 25c, 3 lbs. 70c, postpaid; pk. 50c, bu. \$1.60, bag (2½ bu.) \$3.75.**

175  
BUSHELS  
PER ACRE



## FLINT SORTS.

**Compton's Early.** Early, prolific, good size ear and small cob. Very large ears averaging 9 to 15 inches in length, 12 to 14 rowed, well filled out to the tips, a rich golden yellow color; has matured in 75 days from time of planting. Stalks average about 6 feet in height and make excellent fodder. **Lb. 25c, pk. 60c, bu. \$1.75, bag (2½ bu.) \$4.00.**

**King Philip.** An extra early red flint, valuable for the North; matures in 90 days. A sure cropper on poor land. Ears 8 rowed and from 9 to 12 inches long. **Lb. 25c, pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.**

**Longfellow.** A variety that is particularly adapted to the North. It is an eight rowed sort, with ears 12 to 15 inches in length and about 1½ inches in diameter, small cob, large kernel and very broad. **Lb. 25c; by express or freight, pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.**

**Mercer.** Well adapted to the North and for late planting. It is an eight-rowed corn, with ears 12 to 15 inches in length and 1½ inches in diameter, small cob. **Lb. 25c; by express or freight, pk. 60c, bu. 1.75, bag (2½ bu.) \$4.00.**

**Sandford's White.** It is quite early, with large sized ears. **Lb. 25c, pk. 50c, bu. \$1.60, bag (2½ bu.) \$3.75.**

**Triumph.** Our Triumph corn is a very early flint variety, very bright yellow in color, maturing in from 80 to 90 days from time of planting, according to soil and season. Ears average about 18 inches in length (about 3 inches longer than the Mercer) and are 14 to 16 rowed. The kernels are large, and the stalks of good height. The ears average two to a stalk, growing well up so as to readily admit of being cut by the harvester. Stalks tall, leafy, making superior fodder. **Lb. 25c, pk. 50c, bu. \$1.75, bag (2½ bu.) \$4.00.**



## Bonanza White Dent.

## WHITE DENT SORTS.

**Bonanza.** Unequaled for the middle and southern states; yields heavily on all soils and never fails in the worst years. The grains are of an enormous size, broad, quite deep, and the cob is so small that the kernels will completely cover the cob when the ear is broken in half. The stalks bear from two to three large ears, and it has never been known to have barren stalks, no matter how thin the soil may be.

All ears are well filled out to the extreme end. It shells and shucks quite easily, and in sections where it can be properly grown will produce more shelled corn to a given amount of ears than many of the so called heavy yielding varieties. It usually takes about 15 weeks for this corn to mature. **Lb. 25c, pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.**

**Champion White Pearl.** (90 days.) A pure white dent, maturing in 90 to 100 days. Cobs small, white. The grain is extra long, very heavy and compact. **Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.**

**Hickory King.** A mammoth white dent that is wonderfully productive; one of the best sorts for the Middle and Southern states. Will mature in about 110 days from time of planting. **Lb. 25c, pk. 60c, bu. \$1.50, bag (2½ bu.) \$3.50.**

**Minnesota White Dent.** An extra early white dent sort. Ears good size, kernels long, deep, growing very compact. A vigorous grower, taking strong hold in the ground, averaging 7 feet in height. **Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.**

**Snow White Dent.** (100 to 110 days) Combines pure and very smoothness of grain, with sure maturity; ears medium. **Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.**



Improved Leaming.



## YELLOW DENT SORTS.

**Earliest of All, May's.** (80 Days.) Minnesota grown. One of the earliest of the yellow dent sorts. 10 to 12 heavy and light land. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Golden Beauty.** (110 Days.) The ears are of perfect shape, with from 10 to 14 straight rows of bright golden yellow grains, remarkable for their size. The cobs are well filled to the extreme end. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2½ bu.) \$3.25.

**King of the Earliest.** (85 Days.) Minnesota grown. Stalks grow 6 to 7 feet high, ears from 7 to 9 inches long, very deep, soft grain and small red cob. 12 to 16 rowed. Valuable for the extreme North. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Early Golden Dent.** (100 Days.) Ears of good size, of a bright golden yellow color. 12 rowed. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2½ bu.) \$3.25.

**Golden Surprise.** (90 to 100 Days.) Beautiful in its rich, golden color and even size from butt to tip of ear. Certain in its maturity. Profitable in its depth of grain and small per cent of waste of cob. Stalks short and strong, with broad, closely set leaves, which make it a superior fodder corn. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2½ bu.) \$3.25.

**Huron Dent Extra Early.** (90 Days.) Minnesota grown. Grain deep golden yellow and large, while the cob is very small. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Iowa Gold Mine.** (90 Days.) A medium early large yellow dent that is valuable for parts of Iowa and the Middle States. The grain is deep, a golden yellow color, ears of good size, cob small. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2½ bu.) \$3.25.

**Improved Leaming.** (See Cut, page 26.) (90 Days.) Minnesota grown. A carefully improved strain of the old variety. By careful selection from year to year we have produced this new strain. The ears are large and handsome, with deep, large grain, of an orange yellow color, cob red, stalks medium size, tapering gradually, generally producing two good ears each. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2½ bu.) \$3.25.

**Extra Early Dakota Queen.** (See Cut.) THE HEAVIEST YIELDING EXTRA EARLY YELLOW DENT CORN. A VALUABLE VARIETY FOR THE NORTHERN STATES. RIPENS IN ABOUT 85 DAYS FROM PLANTING. It is, beyond a doubt, the earliest Dent Corn ever introduced, and is the most valuable addition to the list of corn in many years. It is far ahead of Pride of the North, King of the Earliest, Early Butler, and in fact all the Dent varieties in earliness. This new corn can be grown in the extreme Northern states where heretofore only the Flint corn could be raised. It is of a bright yellow color, small ear and cob, with a very long, deep grain. Lb. 25c, pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Minnesota King.** (See Cut, 2-3 natural size.) Minnesota grown. A famous half dent eight-rowed corn. This was introduced a number of years ago and has steadily increased in favor since its introduction, and we consider it one of the most valuable sorts ever grown for the Northern States. While there are many varieties that in good years will yield as much as Minnesota King, there are very few, we think, that will, year in and year out, produce as heavy a crop as this sort. The ears are quite large, cobs small, kernels yellow, broad, long and set very closely on the cob. On account of its healthy and vigorous growth in its early stages of growth, it can endure more drought, heat and cold weather, and being extremely early it is soon out of danger of frost. The stalks grow to a medium height, are firm and well rooted, withstanding the strongest winds. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Minnesota Number Thirteen.** (See Cut.) The Number 13 is an early yellow dent variety introduced by Prof. Hays, the widely known agriculturist of our Minnesota Experimental Station. Our original seed stock was procured from the originator direct. We have grown this variety for the past 5 years, never failing to secure a large crop of good, solid ears. It is a full yellow dent, with kernels packed closely on the cob, well filled from tip to butt. Will ripen in 85 days from time of planting. A heavy yielder, produces from 65 to 100 bushels per acre. Lb. 25c, pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Northwestern Dent.** (80 Days.) Minnesota grown. A ten rowed sort. Grows strong, rank, quick and makes a fine appearing shelled corn. The grain is of a bright yellow color, and with us this variety produced fully ripened ears in eighty days. It is excellent for cool, short seasons for the extreme north. Lb. 25c, postpaid; pk. 50c, bu. \$1.75, bag (2½ bu.) \$4.00.

**Pride of the North.** (90 Days.) Minnesota grown. A valuable variety for the North; matures early. Planted as late as July 4th it will ripen in 90 days. The ears are from 8 to 10 inches long, 14 to 16 rowed. The kernels are closely set and of a light orange color. Stalks six to eight feet. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

**Sure Crop.** Minnesota grown. For illustrations see inside front cover. Lb. 25c, postpaid; pk. 40c, bu. \$1.50, bag (2½ bu.) \$3.50.

**White Cap Yellow Dent.** A corn for thin soils and drought stricken sections. Ears large, 16 to 18 rowed. Stalks stout, 6 to 7 feet high, with abundant foliage. Ears average 8 to 10 inches in length, cobs small. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2½ bu.) \$3.25.

## CORN, Ensilage Sorts.

**Cuban Giant.** The grains are pure white, very large, broad and long. The fodder grows on the stalks in great quantities. Lb. 25c, 3 lbs. 70c, postpaid; pk. 40c, bu. \$1.25, bag (2½ bu.) \$3.00.

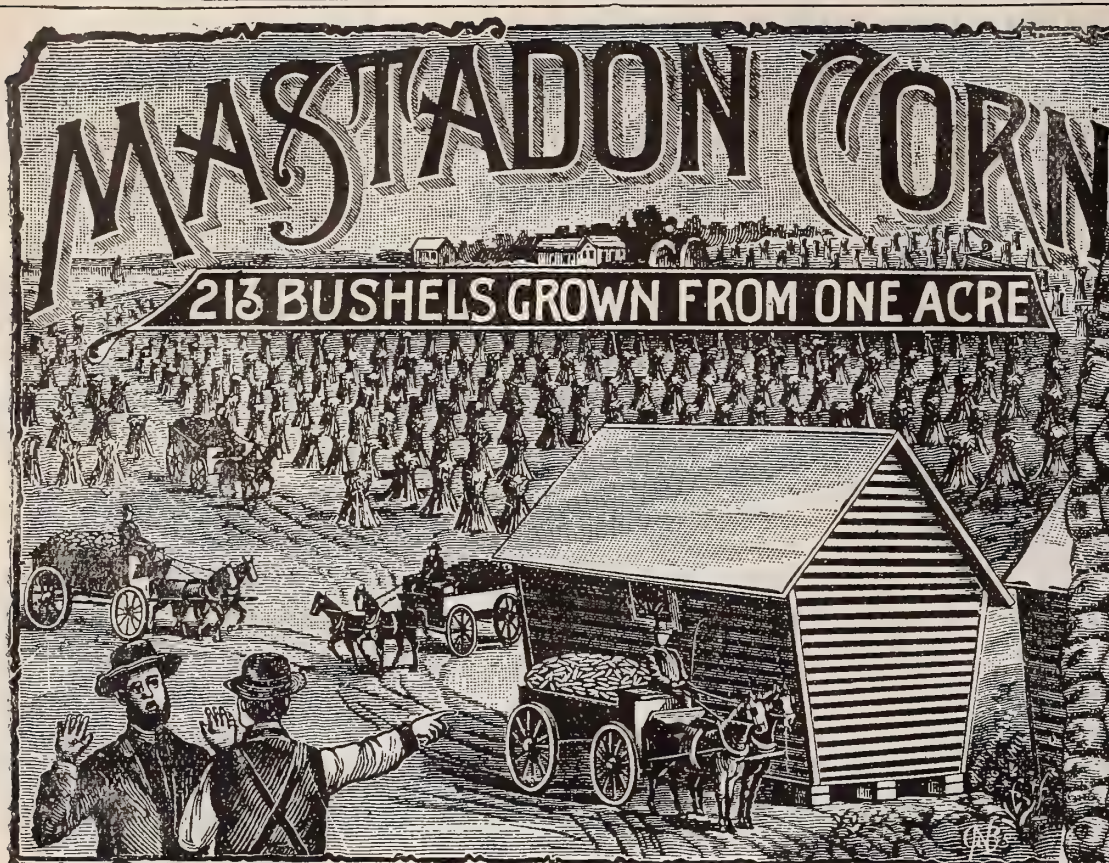
**Red Cob.** The fodder is sweet, tender and juicy. It grows from 14 to 15 feet in height. Lb. 25c, postpaid; pk. 40c, bu. \$1.00, bag (2½ bu.) \$2.25.

**White Cob.** Ears of an immense size, a very good variety for feeding cattle during the winter months. Lb. 25c, postpaid; pk. 40c, bu. \$1.00, bag (2½ bu.) \$2.25.

Minnesota Number 13

Extra Early Dakota Queen. Nat. size





## A RECORD UNEQUALED.

The seed we offer of this variety is grown at our Mayfield Seed Farms, substantiating the fact that this sort will mature as far north as the central part of Minnesota.

Alfred Rose, Yates County, N. Y., raised 213 bushels of shelled Mastadon Corn on one acre. A heavier yield by over twenty-five per cent than any other variety.

## We are Headquarters for this Corn.

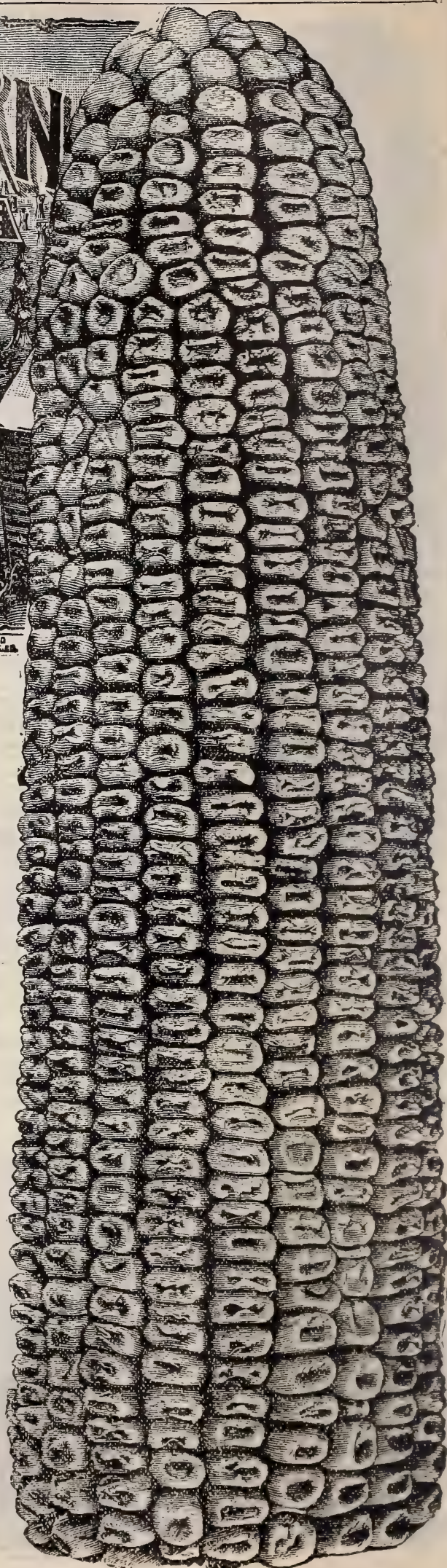
Fred Newman, Ferry, Mich., writes: From four quarts of your Early Mastadon Seed Corn I raised 93 bushels. Your seed gives perfect satisfaction.

**Don't Grow a Poor Yielding Corn  
when for a little more you can buy  
our Heavy Yielding Early Mastadon.**

## THE WONDER OF THE CORN WORLD.

Since its introduction more seed of this variety has been sold than any sort ever introduced, and more bushels of it are now used by the seed trade in filling orders than any other variety of field corn. This, in itself, is a great recommendation for the merit of the Mastadon corn. The Mastadon corn has the longest grains and largest ears of any 100-day corn in cultivation and will outyield any corn in the world. In the celebrated American Agriculturist corn contest it far outyielded every other yellow corn in America. Alfred Rose, of Yates County, N. Y., grew on one acre 15,898 pounds of ears or 213 bushels of shelled corn, and George Cartner, Pawnee County, Neb., grew from one acre 11,380 pounds of ears of 171 bushels of shelled corn. The largest yield of corn ever known in Ohio was a field of Mastadon grown on the Sage farm in 1894. We can produce any amount of testimonials from reliable farmers of yields of over 100 bushels shelled corn per acre. It is the strongest grower and largest yielding corn in cultivation. It husks easy for so large a corn and shells easy, and has the longest grains of any kind we know of. Any one wishing proof of the above yield can obtain same by writing Alfred Rose, of Penn Yan, Yates County, N. Y. We have each year carefully selected our stock of this corn until now we have a fixed pure type of this wonderful yielding corn, and to obtain the genuine pure stock direct from the originator buy only of us. 1,600 grains have been counted on one cob. Ears average 9 to 11 and 12 inches long, 20 to 36 rows on the cobs, many stalks bearing 3 to 5 large ears, some ears weighing 2 lbs. each and the most handsome shape ever seen. We do not think too much can be claimed for this wonderful variety. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50, 10 bu. \$14.00.

**Iowa Silver Mine.** A standard variety of White Dent Corn, which is remarkable for its large yields. Two hundred and fifteen bushels of shelled corn were grown on an acre. Stalks grow to a height of seven to eight feet, ears set three and one-half to four feet from the ground. The ears are uniform in size and shape, with 16 to 20 rows of pure white kernels set on a small, white cob; ears well filled from butt to tip. The cob dries out rapidly, so that it is ready for market very early. Seventy pounds in the ear will make 62 pounds shelled. It is hardy, a great drought resister and will give satisfaction wherever planted. Lb. 25c, postpaid; pk. 40c, bu. \$1.40, bag (2 1-2 bu.) \$3.25.





## BROOM CORN.

**Evergreen.** (Minnesota grown.) This variety is more generally grown than any other sort on account of the color and quality of brush. The brush is of good length, always green; when ripe it does not get red and has no center stalk, which is most desirable to broom corn growers and manufacturers. We offer carefully selected stock of this variety, and know that it is certain to give satisfaction. Lb. 25c, postpaid; 10 lbs. 75c, 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50.

**Evergreen Tennessee.** Of fine quality, good length and handsome appearance; cut before the seed is ripe it is a beautiful pea green color, ripens early and yields heavy crops. Lb. 25c, postpaid; 10 lbs. 60c, 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00.

**California Golden.** This variety has been carefully selected and improved so that the brush is straight and long, a very large proportion of it being suitable for hurl. It is of fine quality, of light green color, turning to light yellow when allowed to become too ripe. Brush straight and long. Lb. 25c, postpaid; 10 lbs. 60c, 50 lbs. \$2.25, 100 lbs. \$4.00.

**Dwarf Evergreen.** Grows from 3 to 4 feet high, with straight, smooth brush; principally used for making whisks and brushes. Lb. 25c, postpaid; 50 lbs. \$2.75, 100 lbs. \$5.00.

**Japanese.** By far the quickest growing variety that was ever introduced, and tests prove that it will mature in 75 days when planted late. One grower states that it was planted the middle of July and ready to cut by the first of October. Largely grown in the Southwestern states. Lb. 25c, postpaid; 10 lbs. 65c, 50 lbs. \$2.25, 100 lbs. \$4.00.



Kaffir Corn.

**Sweet Fodder Corn.** An increasing demand has made us select what we believe to be a variety unsurpassed for fodder. It is a rapid growing corn with a great abundance of leaves, wonderfully tender stalks, and gives by far the greatest yield per acre. Every farmer and dairyman knows the value of a good crop of fodder corn for feeding cattle during the winter months. We have carefully tested our Superior Fodder Corn and find that it gives almost double the nourishment of common varieties. Price by express or freight, pk. 75c, bu. \$2.50.

**Jerusalem Corn.** (See Cut.) Pronounced one of the very best and most certain grain crops for dry sections, and in the southwest claimed to be superior to the Famous Kaffir corn, which is having such immense sales at the present time. It attains a height of 3 feet and makes a large head of one main stalk and several smaller heads on the side. In good seasons often as high as 8 or 9 heads will be seen on one stalk. The grains are pure white, almost flat. Sow 3 or 4 pounds to the acre. Lb. 25c, 3 lbs. 70c, postpaid.

**Great Brazilian Flour Corn.** (See Cut.) One of the greatest novelties ever introduced. Originated in Brazil, where it constitutes the principal food of the inhabitants. It is truly a marvelous plant. For more than 6 years our seed was always exhausted before the season ended, so great was the demand. You are sure to like it. It grows 8 feet high, and from a kernel sends enough stools to produce 100 ears. Its strong points are: 1—Twenty-five barrels of flour can be grown from 1 acre, and this flour is of as fine a grade as is made of Dakota hard wheat, which is five times as much as wheat produces per acre. 2—The bread and biscuits baked therefrom are fully as palatable as from any flour known. 3—When boiled in a green state it has no superior among Sweet Corn. 4—Matures in all latitudes where corn ripens. 5—Cultivate as you would corn, allowing 2 kernels to a hill. 6—On our own grounds it yielded at the rate of 100 tons per acre of green fodder, of the most delicious, sweet, tender, juicy, nutritious food we have ever seen. Indeed, it seems as though this will soon rank as the greatest fodder-producing plant in the world. 7—It makes flour in quality equal to wheat. Of course it is not so white, but oh, what delicious cakes and rolls and biscuits! Can be ground on a Family Grist Mill.



Jerusalem Corn.

Prices of Brazilian Flour Corn—(For flour plant 5 qts. per acre; for fodder, 10 qts.) Pkg. 10c, pt. 30c, qt. 50c, postpaid; 5 qts. 75c, 16 qts. \$1.50, bu. \$2.75, 2½ bu. \$6.50.

**BIRD SEED.** FANCY RECLEANED. At prices quoted on Bird Seed we do not deliver free, if wanted by mail add 10 cents per pound.

**May's Mixed Bird Seed** has become famous for its superior quality. We use nothing but the freshest high grade seed, free from mustiness and dust. These seeds are particularly relished by Canaries, birds, etc. Put up in 1-pound lithographed cartons. Lb. 10c, 100 lbs. in bulk, \$7.50.

HEMP.	Best Grade.	Lb. 10c,	100 lbs. \$5.00
CANARY.	Best Sicily.	Lb. 10c,	100 lbs. \$10.00.
RAPE.	For Birds.	Lb. 10c,	100 lbs. \$5.00.
MILLET FANCY.		Lb. 10c,	100 lbs. \$3.00.



Broom Corn.

## DESCRIPTION OF OUR CHOICE KAFFIR CORN.

Yields heavily even on the poorest soils. This wonderful forage plant has become very popular in all sections of America the past three years and is highly recommended by the leading agricultural writers. It is a variety of non-saccharine sorghum and distinct from all others of this class. It does not stool from the roots, but branches from the top joints, producing two, three and four heads of grain from each stalk. The average height on good land is about 5 feet, but the stalks are very strong and never known to blow down in ordinary windstorms. It has the valuable quality of resisting drought, and if the growth is checked for want of moisture, the plant waits for rain and then at once resumes its progress without any apparent detriment to its condition; indeed, reports show that it has never failed to produce a good crop in the most disastrous seasons. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed. All kinds of Cattle are fond of it. Kaffir Corn may be planted very early in the spring, and should be sown in rows about 3 feet apart, using about three or four pounds per acre. It can be grown as far north as Minnesota, and is therefore desirable for cultivation in all parts of this country. Pkt. 2 oz. 10c, lb. 25c, 3 lbs. 70c, postpaid; 10 lbs. 65c, 50 lbs. \$2.00, 100 lbs. \$3.50.



Brazilian Flour Corn.



## ARTICHOKE ROOTS.

**Giant White.** (See Cut.) The greatest hog food known, attracting much attention on account of their great fattening properties, over one thousand bushels having been grown on one acre. They need not be dug in the fall; the hogs should be turned on them, and will help themselves by rooting for them. They are also said to be a preventive of hog cholera and other diseases; highly recommended for milk cows, increasing the yield of milk. Three to five bushels will plant an acre. They may be planted same as potatoes. Plant in April or May, in rows 3 feet apart, and 2 feet apart in the row, and cover about 2 inches deep. Lb. 30c, 4 lbs. \$1.00, by mail postpaid; pk. 50c, bu. \$1.50, bbl. of 3 bu. (enough for acre) \$3.50.

## BRANCHING YELLOW MILO MAIZE.

Grows from 9 to 12 feet high, stooling from the ground, sending out shoots from the joints. Seed heads grow to great size, often weighing three-quarters of a pound, sometimes a full pound after ripe. Being allied to sugar cane, cattle, horses and hogs will eat it readily. Tests show that during the severe drought, corn dried up within a few feet of it; the Branching Milo suffered but little. Three to five pounds will plant an acre. Lb. 25c, postpaid; 10 lbs. 60c, 100 lbs. \$5.00.

Artichoke, Giant White.

## BUCKWHEAT.

**Japanese.** (See Cut.) The most productive and profitable variety in cultivation. From half bushel of seed sown a crop of forty bushels has been harvested. In color the grain is a rich, dark brown. Flour from Japanese buckwheat is fully equal in quality to that from any other variety. It ripens a week earlier than Silver Hull, and yields two or three times as much. Excellent for bees. Lb. 25c, postpaid; pk. 50c, bu. \$1.25, 2½ bu. \$2.90.

**Silver Hull.** An old standard sort that ripens early, and is a heavy yielder on all kinds of soils; seldom affected by drought. The berry is of a light, silver gray color. The flour is whiter and more nutritious than that made of the common sorts. Lb. 25c, postpaid; pk. 50c, bu. \$1.25, 2½ bu. \$2.90, by express or freight.

## WILD RICE.

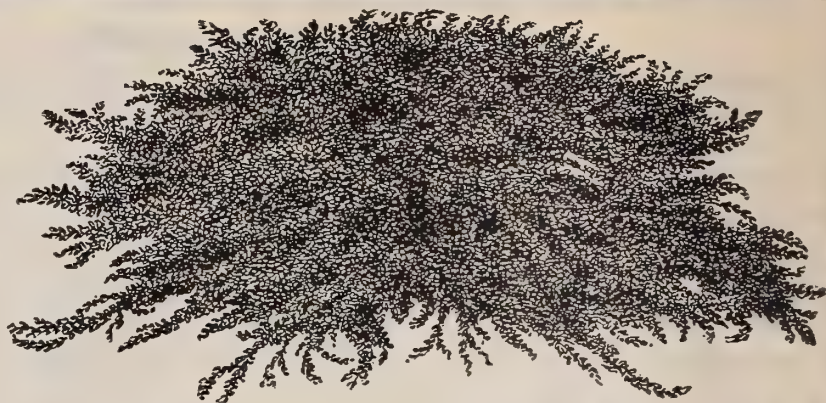
(See Cut.) Valuable as an attraction for wild fowls. Sown in large quantities along the edges of ponds, lakes and streams. It can be successfully sown either in the winter or spring, but often the best results are obtained when sown during the fall months, generally about the middle of September. It lies dormant all winter when sown in the fall, and in the spring commences to sprout as soon as the weather becomes warm, reaching the surface generally the first part of June. It grows very rapidly in one to eight feet of water, ripening late in August or early in September. The best plan is to sow it broadcast from a boat in 2 or 3 feet of water having a mud bottom. In large ponds or lakes it purifies the water, affords a refuge for the small fry from the large fish, as well as furnishing the small fry with plenty of food from the animalculae upon the stalks; for planting in fish ponds it is equally desirable. It also does well along the shores of marshes, and makes a good hay. Its value to the sportsmen as a bait for fowl is being realized more each year. Lb. 25c, postpaid; 10 lbs. \$1.60, 100 lb. \$15.00.



## SERRADELLA.

The greatest honey producing plant in the world. Its nutritive value is superior to Red Clover and the yield is much heavier. Thrives on any soil. All kinds of cattle like it, and sheep are particularly fond of this splendid plant. Lb. 25c, 3 lbs. 60c, postpaid; 10 lbs. \$1.15, 100 lbs. \$10.00.

Less liable to be damaged by wet than other kinds inasmuch as it is more closely covered with broad awns or spikelets, consequently it is less liable to loose color by the wet weather. A barley of wonderful productiveness, its malting qualities are unsurpassed, and for this reason always commands the highest price on the market. Will yield in ordinary season 60 to 65 bushels to the acre. In favorable season as high as 80 bushels. Lb. 20c, postpaid; pk. 40c, bu. \$1.25, 5 bu. or over \$1.10 per bu. by express or freight.



Australian Salt Bush.

## AUSTRALIAN SALT BUSH.

(See Cut.) A Forage Plant for Alkali Soils and for regions subject to Periodic Drought. This is a most wonderful forage plant, as it will grow freely in arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proven that after three or four crops have been grown on alkali land the soil is then capable of producing any other vegetation. In many sections of the states this is in itself of priceless value. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have reached a diameter of 16 feet in one season. One pound of seed will sow an acre. It grows readily from seed and requires no cultivation. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid; 10 lbs. \$12.00.

## BARLEY.

### Manshury Barley.

THE HEAVY CROPPING MANSHURY BARLEY. (See Cut.)

The famous variety so highly recommended by Prof. Henry, of the Wisconsin Agricultural College.

We believe no variety ever introduced has given such perfect satisfaction in all parts of the country as Manshury Barley. Professor Henry says in his report that Manshury still heads the list in productiveness. Yields of from 50 to 60 bushels per acre are often reported. A leading farmer of Northville, S. D., reports 240 bushels of Manshury Barley on 5 acres. The heads are long, filled with plump kernels, and the straw is extra strong. It is a six rowed variety, and, tested with other sorts sold at high prices, it has outyielded all of them, and we believe it the very best sort that can be grown for general crop. It seems to succeed on all kinds of soils, but tests show that it gives the best results on lands

that are more sandy and much lighter than those adapted for wheat. It ripens very early, generally a week or ten days ahead of the common six rowed variety, and is consequently exceedingly desirable for the Northern states. It is superior to any other variety for malting, and is consequently always in demand and invariably brings a high price. Sow 2½ bushels to the acre. Lb. 25c, postpaid; pk. 40c, bu. \$1.10, 5 bu. or over \$1.00 per bu. by express or freight.

**New Beardless Barley.** The earliest barley known; if sown the 20th of March will ripen about the 28th of June; straw same length as common barley; will stand up on any land; has produced 80 bushels per acre. Sow as early as you can, frost will not hurt it. It is beardless, handles as easy as oats, and makes a stronger feed. Lb. 20c, postpaid; pk. 40c, bu. \$1.25, 5 bu. or over \$1.10 per bu. by express or freight.

**Highland Chief Barley.** A new distinct two rowed variety. A very robust, vigorous grower. Straw strong, upright; yields from 50 to 60 bushels per acre; usually weighs over 50 pounds to the measured bushel.



Barley Manshury.



Buckwheat Japanese



## CLOVER AND GRASSES.

**MARKET CHANGES.** Owing to the unsteady condition of the market this season, prices are constantly changing. The prices given here are those ruling at the time this catalogue was published, January 1st. Should our prices seem high in any instance, we would consider it a favor if our customers in making up their order for farm seeds in large quantities would write us, and we will be pleased to quote prices ruling at the time received. Or we will fill all orders at lowest market price, as it is our intention to meet the competition of all reliable firms.



RED CLOVER.

**Medium Red Clover.** (See Cut.) (Trifolium Pratense.) This is also listed as "June Clover" by some firms but it is simply Red Clover and we don't want the farmers to think it anything else. Our seed is carefully grown and selected for seed purposes, we know the government report will back up our claim, which is, that there is no firm in America more particular regarding the purity of their seeds than ourselves. About 15 or 18 pounds are sown to the acre. For pasturage when sown with grasses it is excellent. It attains a height of 3 feet; is said by many to be the best clover for hay. We are not going to say (as some of our competitors do) that we are the only seedsmen in America who grow Grass and Clover seeds or that can supply good seed, but there is no firm in the West or Northwest that can beat our "Selected" Medium Red Clover. Grade A, lb. 30c, postpaid; pk. \$2.50, bu. (60 lbs.) \$9.00.

**White Clover.** (See Cut.) (Trifolium Repens.) A small headed white species that is very fragrant and exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer, it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. Usually about 6 pounds are sown to the acre. Grade A, lb. 30c, postpaid; pk. \$3.25, bu. (60 lbs.) \$12.00; grade B, pk. \$3.00, bu. \$11.00.



CRIMSON CLOVER.

We pay particular attention to this department of our business. These seeds are selected with special reference to their quality. Purchasers may rely on our exertions to furnish grass and field seeds, fresh, pure and free from noxious and foreign seeds. The seeds we offer are all recleaned by the best up-to-date machinery procurable.

**Timothy.** (Phleum Pratense.) This seed is worth double that grown in lower latitudes. Try it and be convinced. It thrives best on moist loamy soils and under favorable conditions usually attains a height of about 4 feet. Sow at rate of 12 pounds per acre. Grade A, lb. 25c, postpaid; Pk. 50c, bu. (45 lbs.) \$1.75, 5 bu. or over \$1.65.

**Alfalfa.** (Medicago Sativa.) (See Cut.) Also called Lucerne, Eternal Clover and Wonder Clover. This is truly the farmers' friend. It has been grown in almost every portion of America and reports from the Northwest prove it to be one of the most desirable forage plants ever introduced. It stands drouth and dampness, and succeeds during hot, dry weather when many other clovers and grasses fail entirely. Heavy rains or snows have no damaging effect whatever, and simply make it flourish more than ever. As a fertilizing, land enriching crop it is unequaled. The roots sink down into the earth searching for nourishment and bringing to the surface the chemicals and fertilizing materials that have been stored 10 to 15 feet deep. One seeding stands for years. All cattle are fond of it. If possible sow with oats at the rate of 15 pounds per acre, or if the land is very poor sow 3 pounds more. The first season the growth will be very light, but don't be worried if the plants are small and several inches apart, for that means the next season you will probably get from 3 to 5 tons per acre, and it increases for several years producing as high as 10 tons, but that is a very large yield. It should be cut when in full bloom, but don't cut too early and be careful not to allow it to become water soaked after cutting, as it greatly reduces its value for feeding. Don't feed hungry stock on it when green, as it is likely to bloat them, for they invariably over eat; by this we mean not to turn hungry stock loose in a field of Alfalfa. Grade A, lb. 35c, pk. \$2.50, bu. (60 lbs.) \$9.00.



WHITE DUTCH CLOVER.

It has been tested in localities where the summers are dry and hot and the winters extremely cold. We believe the farmers of this country will find it of special value, making not only a larger top growth but much better root growth. Lb. 35c, Pk. \$3.25, Bu. \$12.00.

**Mammoth Red Clover.** (Trifolium Pratense Perenne.) Also called English and Sapling. Well known in many parts of the country, and highly valued for its enormous yield and for reclaiming exhausted land. For hog pasture and as a hog fattener it has no equal, and is far superior to the Common Red or June Clover. Where permanent hog pastures are wanted this variety has given the best results, as it is permanent, and does not freeze out as easily as the Common Red Clover, and is therefore better adapted for fall sowing. It will make very large crops of hay, yielding from 3 to 4 tons per acre. As a fertilizer to plow under green, it is excellent. Sow 8 to 12 pounds per acre. Grade A, lb. 25c, postpaid; pk. \$2.40, bu. (60 lbs.) \$8.50; grade B, pk. \$2.20, bu. \$8.25.

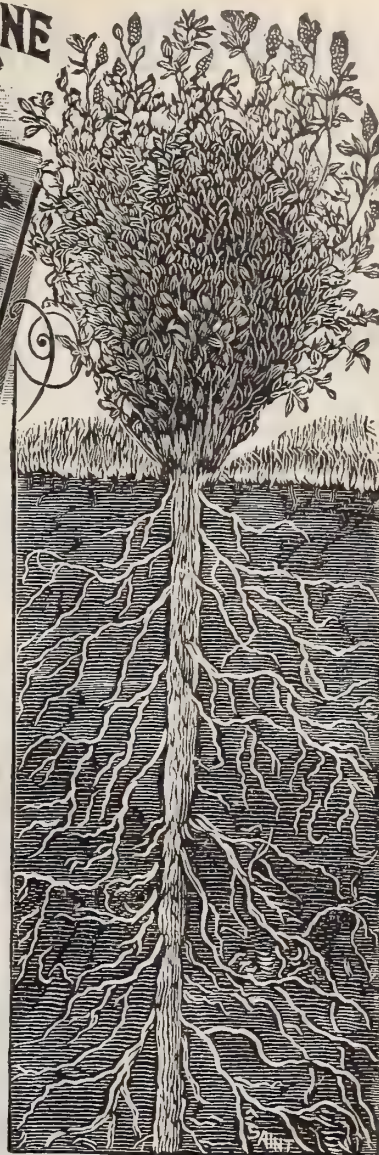
**Alsike or Swedish Clover.** (See Cut.) (Trifolium Hybridum.) A very hardy clover. Perennial. On rich, moist soils it yields an enormous quantity of hay or pasturage, but its greatest value is for sowing with other clovers and grasses as it forms a thick bottom and greatly increases the yield of hay; cattle prefer it to any other forage. The heads are globular, fragrant and much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall at the rate of 6 pounds per acre, when used alone. Grade A, lb. 30c, postpaid; pk. \$2.50, bu. (60 lbs.) \$9.00; grade B, pk. \$2.30, bu. \$8.50.

**Giant Crimson or Incarnate Clover.** (See Cut.) (Trifolium Incarnatum.) This is an annual variety which has been grown largely in the Southern, Middle and Northern states. In good ground it often grows to the height of 2 feet, and even in poor soil where red clover fails it will make a splendid growth. The yield in fodder is immense, and after cutting it at once commences to grow again and continues until cold, freezing weather. Sow at the rate of 10 pounds per acre. Lb. 25c, postpaid; pk. \$1.50, bu. (60 lbs.) \$5.50.



ALSIKE OR SWEDSH.

## ALFAFA OR LUCERNE





# MAY'S LAWN GRASS MIXTURES FOR SPECIAL SITUATIONS

Are the best for our American climate. With these Mixtures you can make Lawns, Grass Plots, etc., as soft as velvet and as green as emerald all summer long, in from six to eight weeks' time.

**QUANTITY REQUIRED.**—For new lawns use 5 bushels per acre; for old lawns, 1 to 2 bushels. One quart will sow 300 square feet for new; for old 1 pint.

**HOW TO MAKE AND CARE FOR A LAWN.**—This useful leaflet will be mailed free to all who ask for it when ordering.

**Central Park Mixture.** (See Cut.) For lawns of any extent we recommend this as our best mixture. One quart will sow 300 square feet; four to five bushels will sow one acre. Qt. 20c, pk. \$1.00, bu. (15 pounds) \$3.00.

**May's Terrace Sod Mixture.** A special mixture of grasses for sowing on terraces and side hills, producing strong, spreading roots, thus preventing heavy rains from washing out. It will withstand drought and exposure and thrive on shallow soils, and at the same time produce a rich green lawn throughout the season. Qt. 25c, pk. \$1.00, bu. (15 pounds) \$3.00.

**May's Special Golf Link Mixture.** This mixture is composed of grasses best suited for golf links, and is the result of experiments conducted on our grounds, as well as careful watching for several years of practical results obtained on golf links sown with our grass seeds. By the use of these mixtures and with proper care and attention, the finest golf links in the world can be successfully rivaled. Qt. 25c, pk. \$1.00, bu. (15 pounds) \$3.50.

**PRICES** on grass seed by the quart and pound include prepayment of postage by us. Pecks and bushels are sent by express or freight at purchaser's expense.

**Evergreen Mixed Lawn Grass.** This is a good mixture, but does not include so great a number of expensive grasses as Central Park Mixture. Qt. 20c, pk. 75c, bu. (15 pounds) \$2.50.

**Tennis Court Mixture.** Composed of a variety of fine, dwarf, close growing grasses, which will insure a fine, thrifty and always green sod, especially adapted to the requirements of Tennis Courts, Cricket Fields, etc. Deep and thorough working of the soil should precede sowing of the seed if possible. Qt. 25c, pk. \$1.00, bu. (15 pounds) \$3.50.

**Shady Nook Mixture.** In many lawns where there are large shade trees there are shady places where ordinary mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses, which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. Qt. 30c, pk. \$1.40, bu. (15 pounds) \$5.00.

## EXTRA RE-CLEANED GRASS SEEDS.

Grasses, Clovers, etc., are subject to market fluctuations. Should our present stock become exhausted we will fill orders at market prices. Prices quoted on one pound lots include the prepayment of postage by us. 5 lb. lots or more are sent by express or freight at purchaser's expense.

**BERMUDA.**—Sow 3 to 5 lbs. to the acre. Oz. pkt. 15c, ¼ lb. 50c, lb. \$1.25, postpaid; 5 lbs. \$5.00.

**CREeping BENT** (*Agrostis Stolonifera*).—1 lb. will sow a space 15 by 20 feet. Lb. 30c, postpaid; 10 lbs. \$1.75, 100 lbs. \$15.00.

**CRESTED DOG'S TAIL** (*Cynosurus Cristatus*).—Sow 25 lbs. per acre. Lb. 45c, postpaid; 10 lbs. \$3.00.

**ENGLISH RYE** (*Lolium Perenne*).—Sow 20 to 30 lbs. to the acre. Lb. 20c, postpaid; 10 lbs. \$1.00, 100 lb. \$6.50.

**FOWL MEADOW** (*Panicum Verna*).—A perennial. Lb. 45c, postpaid; 10 lbs. \$2.60, 100 lbs. \$25.00.

**HARD FESCUE** (*Festuca Durinacula*).—Hardy perennial. Sow 40 to 45 lbs. to the acre. Lb. 30c, postpaid; 10 lbs. \$1.40.

**ITALIAN RYE** (*Lolium Italicum*).—Desirable for meadows and permanent pastures. Sow 20 lbs. per acre. Lb. 20c, postpaid; 10 lbs. 90c, 100 lbs. \$7.50.

**JOHNSON GRASS.**—A perennial; long cane-like roots. Sow 25 to 30 lbs. per acre. Lb. 25c, postpaid; 10 lbs. \$1.25, 100 lbs. \$10.00.

**MEADOW FOXTAIL** (*Alopecurus Pratensis*).—Perennial. Sow 25 lbs. to the acre. Lb. 30c, postpaid; 10 lbs. \$2.00, 100 lbs. \$18.00.

**MEADOW FESCUE, or ENGLISH BLUE** (*Festuca Elatior*).—Sow 25 lbs. per acre. Lb. 25c, postpaid; 10 lbs. \$1.00, 100 lbs. \$8.50.

**MEADOW SOFT** (*Holcus Lanatus*).—For soft, peaty ground; hardy perennial. Lb. 25c, postpaid; 10 lbs. 80c, 100 lbs. \$7.50.

**KENTUCKY BLUE GRASS** (The Great American Grass).—The old standard grass for pastures and lawns. Every farmer knows it and its good qualities. Sow about 25 to 30 pounds to the acre for meadow, for lawns 65 to 80 pounds per acre. Best Fancy Grade, Solid Seed, lb. 30c; by express, 5 lbs. 65c, 25 lbs. \$3.00, 100 lbs. \$10.00. Extra Recleaned, lb. 25c, postpaid; 5 lbs. 50c, 25 lbs. \$2.25, 100 lbs. \$8.00. Prime Recleaned Seed, lb. 20c, postpaid; 5 lbs. 40c, 25 lbs. \$1.75, 100 lbs. \$6.00.

**ORCHARD** (*Dactylis Glomerata*).—Suitable for all soils, valuable for pastures, also for mixing with other grasses. Sow about 30 lbs. to the acre. Lb. 30c, 10 lbs. \$1.65, 100 lbs. \$16.00.

**RED TOP** (*Agrostis Vulgaris*).—Perennial. Particularly desirable for permanent pasture. Sow about 14 pounds chaff per acre and one-fourth that amount of solid seed. Solid Seed, Fancy Stock, Grade A, lb. 30c, postpaid; 10 lb. \$1.25, 100 lbs. \$8.00. Grade B, lb. 25c, postpaid; 10 lbs. \$1.00, 100 lbs. \$8.00. Unhulled Red Top, lb. 20c, postpaid; 10 lbs. 90c, 100 lbs. \$8.00.

**RESCUE** (*Bromus Unioides*).—Sow 30 to 40 lbs. to the acre. Lb. 40c, postpaid; 10 lbs. \$3.25.

**RHODE ISLAND BENT GRASS** (*Agrostis Canina*).—Perennial. Lb. 40c, postpaid; 10 lbs. \$2.50.



A Lawn Sown with Central Park Mixture.

**ROUGH STALK MEADOW** (*Poa Trivialis*).—A perennial. Sow from 25 to 30 lbs. to the acre. Lb. 40c, postpaid; 10 lbs. \$2.50.

**SWEET VERNAL** (*Anthoxanthum Odoratum*).—Sow 2 to 3 lbs. to the acre when mixed. Lb. 25c, postpaid; 10 lb. \$1.50, 100 lbs. \$13.00.

**SHEEP FESCUE** (*Festuca Ovina*).—Recommended for sheep pasture. Sow 35 lbs. per acre. Lb. 25c, postpaid; 10 lbs. \$1.50, 100 lbs. \$12.00.

**TALL FESCUE** (*Festuca Elatior*).—For permanent meadows. Lb. 30c, postpaid; 10 lbs. \$2.00.

**WATER FESCUE** Lb. 35c, postpaid; 10 lbs. \$2.50.

**TALL MEADOW OAT** (*Avena Elatior*).—Sow about 30 to 40 lbs. per acre. Lb. 30c, postpaid; 10 lbs. \$1.80, 100 lbs. \$17.00.

## A FEW GOOD FERTILIZERS.

**May's Odorless Lawn Dressing.** A perfect fertilizer for all lawns, rendering them green, thrifty and luxuriant throughout the entire season. This dressing is prepared so that it will act gradually throughout the season, restoring old lawns to full luxuriance and giving new ones that green, thrifty, velvety appearance so much desired in a lawn. It is perfectly odorless, so that it may be applied by any one at any time without the least offense. It may be applied at any time during the season when the lawn needs nourishment. If you want nice velvety lawns, sow our lawn seed, use our Odorless Dressing and you cannot fail to obtain best results. 5 lbs. 25c, 10 lbs. 45c, 25 lbs. 90c, 50 lbs. \$1.75, 100 lbs. \$3.00.

**Bone Flour.** This is pure ground bone, and is one of the best fertilizers known. It is entirely free from foreign matter, so there is no danger of introducing seeds of weeds, etc., in its application. As a lawn dresser it is unsurpassed. Should be applied at the rate of one pound to fifty square feet of lawn. It is an excellent fertilizer for all house plants and garden truck, and is highly recommended by all who use it. 5 lbs. 25c, 50 lbs. \$1.75, 100 lbs. \$3.00.

**Sterilized Sheep Manure** is another excellent dressing for lawns. It is somewhat cheaper than other fertilizers, but equally as effective and highly recommended for early spring dressing and for large plots. 25 lb. sack 75c, 50 lb. sack \$1.10, 100 lb. sack \$2.00. Prices on larger quantities quoted on application.

**Lawn Rollers.** 1 section, 26 in. diameter, weight 225 lbs., \$13.00. 2 sections, 22 in. diameter, each section 12 in. wide, weight 295 lbs., \$16.00.



Lb. 30c, 3 lb. 85c, postpaid ; by express or freight, 15 pounds, enough for one acre, \$2.00, 100 lbs. \$12.50. 50 pound lots at 100 pound rates.



PRICES—Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, per lb. 25c postpaid; 5 lbs. 60c, 100 lbs. \$11.00. No. 10, per lb. 25c, postpaid; 5 lbs. 70c, 100 lbs. \$13.00.

White Clover, Hard Fescue, Soft Brome Grass,  
Red Top, Rescue Grass, Bromus Inermis, Sheep's  
Fescue.

Timothy, Orchard Grass, Tall Meadow Oat Grass, Red Clover, Meadow Foxtail, English Rye Grass, Alsike, Meadow Fescue, Italian Rye Grass.





## VETCHES.

## The Wonderful Sand or Hairy Vetch.

(Vicia Villosa.) (See cut.) Sometimes called the Winter Vetch. This useful plant is noted for its extreme hardiness and promises to be highly valuable as a cover crop to prevent leeching, as well as for forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Washington Department of Agriculture estimates the value of an acre of this Vetch plowed under equivalent to putting into the ground \$16 to \$45 worth of commercial fertilizer. One important feature is that a sowing made in August or September covers the ground before winter sets in and prevents washing of the soil during the winter and early spring, thus saving a great portion of soluble mineral fertilizers contained in soil, which otherwise would wash or leech out. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of green forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured 10 lbs. \$1.25, 25 lbs. 75c, or over 10c per lb.

as dried hay. Sow in drills, using 30 lbs. per acre. Lb. 25c, postpaid; 10 lbs. \$1.25, 25 lbs. 75c, or over 10c per lb. Do not confound this with the Spring Vetch (Vicia Sativa) sold by some seedsmen as the Sand Vetch.

**Spring Vetches or Tares.** These are a species of pea, and grown extensively for stock feeding. They are excellent food for hogs and also a most valuable fertilizer. From 50 to 60 lbs. are sown per acre and cultivated same as field peas. Lb. 25c, postpaid; 10 lbs. \$1.25, 25 lbs. 75c, 100 lbs. \$6.50.

**Kidney Vetch.** Perennial. Valuable for dry sands or poor soils. Sow 25 lbs. to the acre. Lb. 35c, postpaid; 10 lbs. \$2.25.

## CANADA FIELD PEAS.

These are very valuable for fattening stock, and can also be grown for soiling purposes, but are of greater value for fodder when fed as ground feed, or the vines can be cured for hay, which is of great nutritive value. They can be sown alone or with oats; if sown alone, sow 2 bushels to the acre. If with oats, sow 1 bushel of peas and 1½ bushels of oats. The latter method is the most profitable at the same time. Threshed together they can be easily separated, together for fattening stock.

A very prolific sort, yielding all the way from 18 to 40 bushels of fine peas per acre. They are great fatteners. These peas sell at fancy prices dry for eating. Pt. 20c, qt. 35c, postpaid; pk. 60c, bu. \$2.00, 10 bu. \$19.00.

## Improved Prolific White.

Height of vine three and one-half to four feet. Of the same general character as the Improved Prolific White, used for the same purposes, but the seed is green in color instead of white. Pt. 20c, qt. 35c, postpaid; pk. 50, bu. \$1.75, 10 bu. \$16.00.

## May's Perfection Green.

(See Cut.) Cow peas are to the South what clover is to the North and what alfalfa is to the West. There is now a widespread disposition to plant cow peas farther north than formerly on account of their quick growing habit and their great value for ensilage and soil improvement purposes. It has strong roots and heavy foliage, possessing great fertilizing powers. It draws its nourishment very heavily from the air, and returns it in a richer measure to the soil, thereby enriching it to a degree that is remarkable. In the cow pea we have a fertilizer and a food at the same time. If not desired as a fertilizer, it makes a fine fodder for cattle. The cow pea ranks very high as a soil enricher, gathering immense quantities of nitrogen from the atmosphere. The ripe peas contain no less than 18½ per cent of digestible protein. The vines properly cured are a most valuable fodder for cattle and sheep, being richer in protein and fat than the best clover hay. This is not exactly a pea, but belongs more properly to the bean family. It requires a full season to mature and ripen the pods. If desired the pods may be harvested for the grain and the vines plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder, the leaves and stalks also make good fodder fed green. Poor sandy land may be greatly improved by plowing under a crop of cow peas and thus made into a fertile loam. Plant in a thoroughly pulverized soil. If wanted to plow under for manure, sow with a drill, in drills a foot apart. If grown for seed, plant 3½ feet apart and 1 foot in the row, and cultivate thoroughly, using 25 pounds of seed per acre. The yield of peas in a dry state is from 40 to 60 bushels per acre. Pkt. 10c, lb. 25c, postpaid; bu. \$2.50, bag (2½ bu.) \$6.00.

## May's Prolific Cow Peas.

**Canada Field Peas.** These are very valuable for fattening stock, and can also be grown for soiling purposes, but are of greater value for fodder when fed as ground feed, or the vines can be cured for hay, which is of great nutritive value. They can be sown alone or with oats; if sown alone, sow 2 bushels to the acre. If with oats, sow 1 bushel of peas and 1½ bushels of oats. The latter method is the most profitable at the same time. Threshed together they can be easily separated, together for fattening stock.



CANADA FIELD PEAS.

## May's Famous Hog Pasture Mixtures.

We have given special attention to the selection of the varieties and to the making up of the mixtures for Hog Pastures. For several years past we have made up for a number of our customers a special mixture for their Hog Pasture. In our experience we find that hogs can be raised more profitably on grass and clover than on corn only. Land that will produce corn will grow a fine crop of grass and clover easily, and it is just as easy and certainly more convenient, to provide clover and grasses as corn, as the pigs will do the work themselves, gaining in flesh, besides keeping healthy and strong. Quick results and a full crop and use of the pasture can be had the first summer from the properly selected mixture.

**No. 1.** Hog Pasture, clover grass mixture for quick results and a full crop the first year. When sown early in the spring the heavy growth of the grasses and clover will furnish a fine pasture throughout the summer. By careful experiments we find that Crimson Clover, in the right proportion, used with other grasses, is well adapted to this mixture. Mammoth Clover, English Rye, Italian Rye, Crimson Clover, Tall Meadow Oat. Sow 15 pounds per acre. 10 lbs. \$1.15, 25 lbs. \$2.75, 50 lbs. \$5.25, 100 lbs. \$10.00.

**No. 2.** Specially adapted for a permanent pasture. The grasses contained therein are A No. 1. They sink their roots deeply, and furnish a great abundance of herbage the entire season. We cannot too strongly recommend this for permanent pastures: English Blue Grass, Orchard Grass, Mammoth Clover, Rough Stalk Meadow, Alsike Clover, White Clover, Timothy. Sow 15 pounds per acre. 10 lbs. \$1.15, 25 lbs. \$2.75, 50 lbs. \$5.25, 100 lbs. \$10.00.

**No. 3.** Pasture mixture for quick results and a full crop the first year. When sown early in the spring the mixture will afford an excellent growth and will furnish a fine pasture throughout the entire season. Soja Beans, Vetches, Rape, Field Peas, Japanese Millet, Sugar Cane, Speltz. Sow 100 lbs. per acre. 10 lbs. 75c, 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.25.







### A Field of Siberian Millet.

Valuable for all sections of America. It is the greatest stooler ever introduced. 32 quarts will sow an acre. Nothing since our introduction of Bromus Inermis has created such a sensation in the farming sections of America as the Siberian Millet. It is, without exception, the heaviest yielding millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada, and the reports from different parts of this country prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of millet have been cut from one acre, and the quality surpasses that of any other variety. It does not grow rank or coarse, but the entire stalk is of such excellent quality that it is readily eaten. Although there are numerous blades, they are as fine as can be, making it of the greatest value to farmers everywhere. The various reports received from drought stricken districts show that it will stand more hot, dry weather than any other sort, and it has been known to yield heavily when other varieties failed almost entirely.

#### A FEW REASONS WHY THE NEW SIBERIAN MILLET IS THE BEST VARIETY EVER INTRODUCED.

1. No other millet equals it in profusion of blades or quality.
2. It is extra early, usually about two or three weeks earlier than the German or Golden.
3. It surpasses every other millet in yield.
4. It makes the best hay, as it produces the greatest profusion of blades, and is unequalled in quality, while the yield is something enormous.
5. It is a Russian variety, consequently very hardy, and possessed of unusually vigorous habit.

We think the above reports will prove that our Siberian Millet is something that no farmer in America can afford to be without. The seed costs more, but the yield is so enormous that the first cost is very small compared with the returns. We want to call particular attention to the fact that our Seed is Northern Grown, and is consequently hardier and stronger in growth than that secured from lower latitudes. Lb. 25c, postpaid; bu. \$1.10, 10 bu. \$ 10.00.

**Common Millet.** Lb. 25c, postpaid; pk. 30c, bu. \$1.00, 5 bu. \$4.50, 10 bu. \$8.00.

**Hog Millet.** Lb. 25c, postpaid; pk. 40c, bu. 90c, 5 bu. \$4.00.

**German or Golden Millet.** True Southern Grown. This is a medium early millet, growing from 3 to 5 feet in height, and in good seasons has been known to produce over 5 tons of hay to the acre, and from 70 to 80 bushels of seed. It will grow in almost any soil or climate. Lb. 20c, postpaid; pk. 40c, bu. \$1.10, 5 bu. \$5.00, 10 bu. \$10.00.

**Hungarian Millet.** Often called Hungarian Grass. In general favor for summer forage purposes, as it can be sown in June as a second crop, and will be ready to cut in 60 days. It will yield 2 or 3 tons of hay per acre. Lb. 25c, postpaid; pk. 40c, bu. \$1.25, 5 bu. \$6.00.

**Early Fortune.** A most promising new sort, of which astonishing yields are reported. It is very early, and claimed to be rust proof, and that cinch bugs will not eat the plant. Lb. 25c, postpaid; pk. 40c, bu. \$1.10, 5 bu. \$ 5.00.

**Japanese Barnyard Millet.** Has proven an enormous yielder in all sections of the U. S. producing hay and fodder of most excellent quality and growing on any soil. 10 to 12 lbs. per acre broadcast being sufficient. In drills 8 lbs. per acre. Lb. 25c, postpaid; 10 lbs. 60c, 100 lbs. \$4.00.





A field of May's Early Wonder Wheat. Engraved from a photograph.

## MAY'S EARLY WONDER. The Greatest Wheat ever Offered. Most Prolific, Heaviest Stooling, and the Best Milling Wheat that Can be Grown.

### Five Good Reasons Why "Early Wonder" Should be Sown by Every Farmer in America.

1—It's the heaviest yielding wheat in the world. 2—It is perfectly hardy and can be grown in any section. 3—It's early, and this alone is a valuable point. 4—It makes the choicest flour and is the best milling wheat we know of. 5—It will increase your crops and bring you more money per acre than any other wheat.

**Description.** This, together with Oats and Corn, is the greatest of all the farmer's crops, and no bright, intelligent man who wants to make his farm pay looks at the few extra cents that he has to pay for carefully improved seed stock of any kind. Our Early Wonder Wheat is the result of years of testing and experimenting with all the different varieties which have been offered the past few years, and out of the entire lot this wheat was selected, and has been improved each season until we now offer it with the feeling that we have secured wheat which will in time take the place of all other varieties. It has proven to be the most prolific, heaviest stooling and finest milling wheat ever offered, and this is enough to recommend it to any farmer who is a wheat grower. Its being grown for years in the extreme North assures all of its hardiness. This, with its heavy yields and its earliness, will make it the most desirable variety for all sections of America. If you want to get a heavy yield and make money this season, you can do it by sowing the Early Wonder Wheat, Bonanza King Oats and Mastadon Corn, the three heavy cropping farm favorites.

Prices:—Pkt. (2 oz.) 10c, lb. 30c, 4 lb. \$1.00, postpaid; pk. 50c, bu. \$2.25, 10 bu. \$20.00.

**Minnesota No. 163.** Originated at the Minnesota State Experimental Farm, and was introduced by us two years ago. The heads are long, well filled with medium sized, plump kernels. Flour made from this variety shows a higher gluten test than most sorts. The straw is medium height, very strong and wiry, never known to lodge or rust. It stools very heavily, producing enormous crops of No. 1 hard. Lb. 25c, postpaid; pk. 50c, bu. \$2.00, 10 bu. \$19.00.

**Pedigree Blue Stem.** An improved strain of Blue Stem. Yields heavy, not only here at home in the Northwest, where wheat is the main crop, but everywhere and under all conditions. The heads are very large and well filled, the kernel is hard, the plant stools freely, and under ordinary conditions will yield 40 to 50 bushels per acre. Lb. 25c, postpaid; pk. 50c, bu. \$1.90, 5 bu. \$9.25, 10 bu. \$18.00.

**Saskatchewan Fife.** Noted for its great productiveness, earliness, vigor and freedom from smut and all diseases. The kernels are hard and flinty, whereby it is recognized as an A No. 1 milling wheat, adapted to all states where wheat can be grown. Lb. 25c, postpaid; pk. 50c, bu. \$1.90, 10 bu. \$18.00.

**Macaroni Spring Wheat.** It is not only true that Macaroni Wheat can be grown in dry districts, but they must be grown there in order to produce the best quality of grain. Seeded April 26, it was ripe, cut, threshed and in the granary August 6. The shorter the period required for a wheat to grow the more valuable it will be to a locality subject to summer droughts and hot winds. This wheat gives the best results on new land. Sow at the rate of 1½ bushels per acre. Lb. 25c, postpaid; pk. 40c, bu. \$1.75, 10 bu. \$16.00.

**Reliable Minnesota.** (Winter Wheat.) Beyond doubt the hardest, most reliable and heaviest yielding wheat ever introduced. Lb. 25c, postpaid; pk. 60c, bu. \$1.90, 10 bu. \$18.00.

**Rye, Spring Dakota Mammoth.** Its greatest value lies in the fact that it may be used as a catch crop, to sow where winter grain has been a failure. Sow at the same time you do spring wheat, at the rate of 1½ bushels per acre. Lb. 25c, postpaid; pk. 40c, bu. \$1.35, 10 bu. \$13.00.

**Rye, Winter.** This is the sure crop for dry country ranches. Lb. 25c, postpaid; pk. 40c, bu. \$1.35, 10 bu. \$12.50.





A Field of Scottish Chief Oats

(Engraved from a photograph.)

## SCOTTISH CHIEF.

**A Record Breaker Oat—Yields of 75 to 143 Bushels per Acre—It has given Great Satisfaction Everywhere and Thousands of Farmers Throughout the Country Having Raised Them say that They Stand at the Head.**

This marvelous variety we obtained direct from Glasgow three years ago and offered it then for the first time in this country. It has been grown in the Highlands of Scotland, for many years where yields of 150 bushels per acre are not uncommon. In all our tests of many varieties (over 50), this sort has proven superior to others in both quality and yield. The straw is exceedingly strong and wiry enabling it to hold up its enormous heads of grain without breaking or lodging in the least, and is rust proof. The grain is of the largest size, full and plump, pure white and very heavy. On account of its fine appearance it commands the very best price on the market. It withstands drought remarkably well, and is well fitted for all soils, seasons and conditions. **THERE'S ONLY ONE WAY TO MAKE YOUR FARM PAY,** which many of the wide awake farmers have discovered. It is this, keep up with the times, that is, get the best there is. Farmers should change their seed as often as once in 3 years, in order to obtain best results. Here is an opportunity to obtain the heaviest yielding, hardiest, best oat ever offered. Average yields of 100 bushels per acre under ordinary circumstances are common. Measured bushels of these oats invariably weigh 40 to 42 lbs. Lb. 25c, postpaid; pk. 35c, bu. \$1.00, bag (2½ bu.) \$2.25, 10 bu. \$9.00.

**Black Tartarian.** The most prolific and distinct variety of Black Oats ever introduced. Many farmers are convinced that Black Oats are more reliable croppers than white, which is to a certain extent true, as they will endure more hardship and exposure and still make a good crop. These oats are the result of an importation of seed from England several years ago, where black oats are much preferred and about three times as many are grown as of white oats. They are fully as good as the white sort for feeding, and are very early. The straw is very stiff, the heads are long, and yield heavy crops of grain, weighing thirty-five to forty-five pounds to the measured bushel. Claimed by many to be almost drought proof. Our seed has been carefully grown. They have always been free from rust, mainly on account of vigorous growth and early maturity. Lb. 25c, postpaid; pk. 35c, bu. \$1.00, 10 bu. \$9.00.

**Golden Cluster.** The original seed of this sort was obtained direct from Scotland, and was carefully planted and grown by us. It proves to be very hardy and a vigorous grower. In height it averages about the same as our famous Scottish Chief. The straw is very stiff, and is never known to lodge. It has a record of yielding 105 bushels to the acre, when other varieties in the same field yielded only 50 to 60 bushels. The seed we offer of this sort is grown by us, therefore the genuine. Lb. 25c, postpaid; pk. 60c, bu. \$1.00, 10 bu. \$9.00.

**Lincoln Oats.** This new oat has done remarkably well in all sections. It is very early and thus far proved to be rust proof. It has given wonderful results as a yielder; in one instance 170 bushels were grown from one bushel of seed. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal, on account of its thin hull and heavy meat. Lb. 20c, postpaid; pk. 25c, bu. 80c, 10 bu. \$7.50.

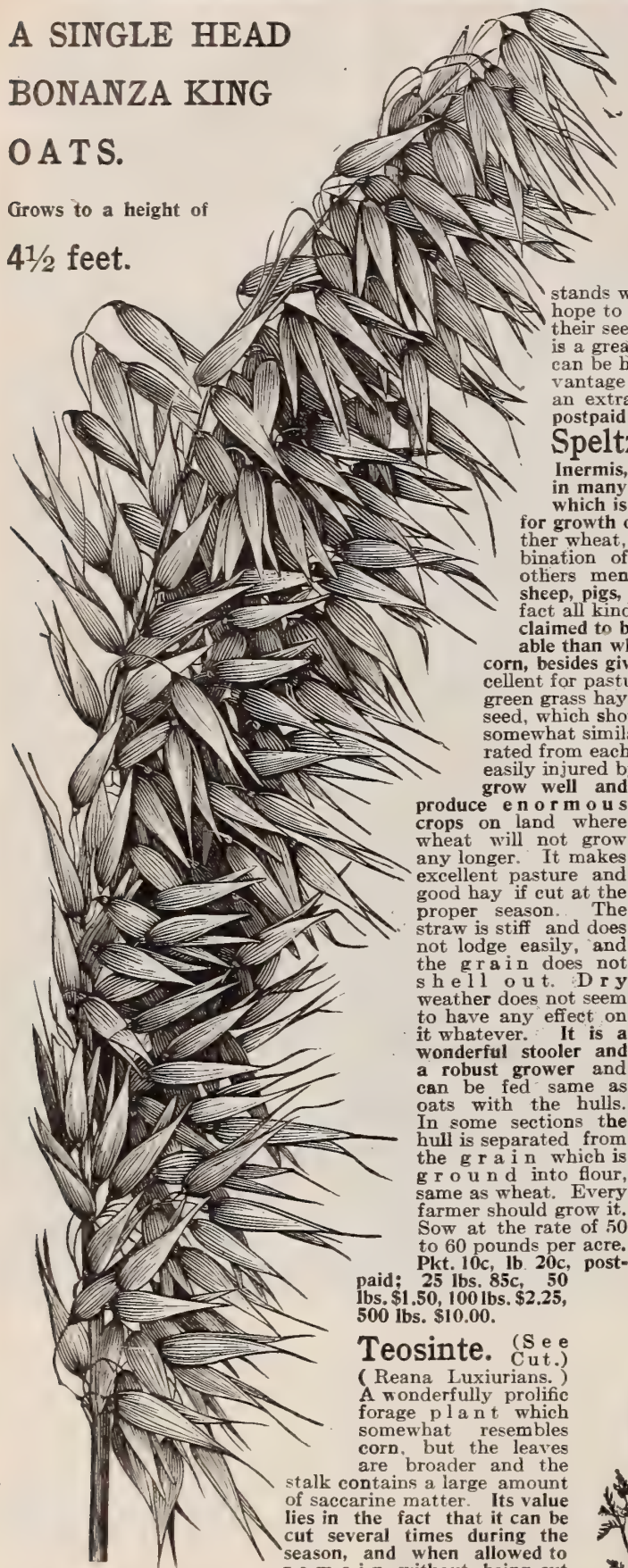
**BONANZA KING OATS.** The Great American White Oat, described and illustrated on page 38.



## A SINGLE HEAD BONANZA KING OATS.

Grows to a height of

4½ feet.



BONANZA KING.

particularly adapted to the Middle or Southern states. Seed should be sown after the ground is perfectly warm and the weather settled, at the rate of about 4 pounds per acre. The yield is so abundant that one plant is sufficient to feed a pair of cattle twenty-four hours. It suckers more than any other foliage plant, generally producing 20 to 30 stalks—as high as 75 to 80 stalks from one kernel of seed, and growing to a height of 12 feet. Can be cut when 2 or 3 feet high and used for fodder; the amount of forage that can be had in this way is immense; some estimate 300 tons per acre. We would advise sowing the seed in rows 3 feet apart and the hills far enough to work, putting in 3 seeds about every 12 inches in the drill. It wants plenty of sunshine and cultivation, will grow rapidly and cover the ground. It can be cut with a reaper and fed in the green state, or it can be dried and makes an excellent fodder for cattle during the winter. ¼ lb. 35c, 1 lb. 90c, postpaid; 5-lb. lots 75c per lb.

## BONANZA KING.

A VERY PROLIFIC AND DISTINCT VARIETY—YIELDS 100 TO 140 BUSHELS PER ACRE.

The straw is very stiff, supporting long heads that stool freely and yield remarkably. The original seed stock was selected from a crop that weighed over 45 pounds to the measured bushel. The grain is as heavy as any in existence today, and numerous tests prove it far superior to any white oats in cultivation. The Bonanza King has been carefully selected and improved for several years until it now stands with a record that has never been equaled. We hope to supply all our customers who want to change their seed and every farmer knows that change of seed is a great benefit, and, as long as such a grand variety can be had at as low a price, we believe it is to their advantage to do so. Order early as there promises to be an extraordinary large demand this spring. Lb. 25c, postpaid; pk. 35c, bu. \$1.00, 10 bu. \$9.00.

**Speltz.** (See Cut.) The wonderful Grain from

Russia. Russia has given us *Bromus Inermis*, the most notable addition to our list of grasses in many years. She has come to the front with a grain which is fully demonstrated to be of extraordinary value for growth on poor soils and in drouthy sections. It is neither wheat, rye, nor barley, and yet it appears to be a combination of these. It is more like wheat than any of the others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains; in fact all kinds of animals seem to thrive on it. Speltz is claimed to be ahead of corn, superior to oats and more profitable than wheat. Yields 80 to 100 bushels of richer food than corn, besides giving as much as 4 tons of good hay per acre. Excellent for pasture and can also be fed in the green state. As a green grass hay food it often gives 100 leafy stalks from one seed, which show its heavy stooling properties. The heads are somewhat similar to two-rowed barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. It is a heavy yielder. Will

grow well and produce enormous crops on land where wheat will not grow any longer. It makes excellent pasture and good hay if cut at the proper season. The straw is stiff and does not lodge easily, and the grain does not shell out. Dry weather does not seem to have any effect on it whatever. It is a wonderful stooler and a robust grower and can be fed same as oats with the hulls. In some sections the hull is separated from the grain which is ground into flour, same as wheat. Every farmer should grow it. Sow at the rate of 50 to 60 pounds per acre. Pkt. 10c, lb. 20c, post-

paid; 25 lbs. 85c, 50 lbs. \$1.50, 100 lbs. \$2.25, 500 lbs. \$10.00.

**Teosinte.** (See Cut.)

(*Reana Luxurians*.) A wonderfully prolific forage plant which somewhat resembles corn, but the leaves are broader and the stalk contains a large amount of saccharine matter. Its value lies in the fact that it can be cut several times during the season, and when allowed to remain without being cut attains a height of 12 ft. Our

experience shows that it is



TEOSINTE.



SAINFOIN or ESPARSETTE.

## Minnesota Early Amber Sugar Cane.

(See Cut.) This is the only variety of cane that makes a fine syrup, clear as crystal. Cane syrup made from our Early Amber Cane, grown right here in Minnesota, has become famous. All kinds of stock are exceedingly fond of it and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of the country, and its enormous yield often reaching 20 to 25 bushels of seed, and as high as 150 to 250 gallons of syrup per acre, has made it invaluable for large growers. It is exceedingly difficult to procure pure seed, but we believe that the stock we have to offer is the best that can be obtained. Lb. 20c, postpaid; 10 lbs. 40c, 50 lbs. \$1.75, 100 lbs. \$3.00.

## Sainfoin or Esparsette.

(See Cut.) (*Onobrychis Sativa*.) A most valuable fodder plant that is largely grown in Europe and in France. While not as long lived as Alfalfa it will generally last from 10 to 12 years. It is an excellent plant for feeding to cows, as it greatly increases the quantity and richness of the milk. To obtain the best results seed should be sown early in the season and covered about two inches deep, and the soil firmed with a roller. Valuable for light, dry, sandy, gravelly, limestone or chalky soils. Two cuttings may be had each season. Sow 40 pounds per acre. Lb. 25c, postpaid; 10 lbs. \$1.00, 50 lbs. \$4.50, 100 lbs. \$8.50, by express or freight.



SPELTZ.



SUGAR CANE.





A FIELD OF 1,000 HEADED KALE.

## Why You Should Plant Giant Spurry.

fodder and hay plant for sandy soils, for worn out land, for poor and doubtful soils known. It flourishes on sandy, worn out soils, where no other plant flourishes, and returns big yields every time.

It comes next to clover as a fertilizer. Take the poorest land or the worst land that you can imagine and sow 20 lbs. of Giant Spurry per acre. Do this two years, and you will have a soil for wheat, oats and potatoes.

The American Agriculturist and all prominent agricultural writers urge the planting of Spurry.



**CULTURE OF GIANT SPURRY** — It is of very rapid growth and is sown the latter part of March, April or May, at the rate of 10 pounds per acre if wanted for hay. The seed is sown broadcast on well prepared soil and covered lightly by harrowing. It germinates quickly, and in from 6 to 8 weeks is ready to cut. It is usually cut for hay the first time, and pastured afterward for the rest of the summer. If wanted as a fertilizer, 20 lbs. per acre are sown, and when from 15 to 20 inches high, plowed under. Two crops can be plowed under in one year on account of its quick growth.

## Mammoth Russian Sunflower.

Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders, who have tried it, as an excellent and cheap food for fowls. It is the best egg-producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Per oz. 5c, lb. 25c, 3 lbs. 65c, postpaid; 10 lbs. 85c, 100 lbs. \$7.50

**RAPE. CULTURE**—It can be sown in drills far enough apart to cultivate, or broadcast. If sown in drills, but 7 pounds per acre is necessary. The best way is to sow it broadcast on very clean soil, or to sow it with your spring grain at the rate of 15 pounds per acre. After the grain is removed it will grow rapidly and form excellent pasturage. If sown without cover of grain it matures more quickly and furnishes pasture sooner.

In sowing cover it but one inch deep. It is a great soil enricher, and as it is cheap it would not be amiss to sow in all fields where you intend to plow under in the fall, as rape plowed under enriches the soil quickly.

**Dwarf Essex.** The best forage plant for the sheep growers of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but gives best results on corn land. Professor Shaw says: "On 54 acres of rape, after winter rye had been removed, 537 sheep and lambs were fattened thereon, and 18 steers fed for 59 days. The lowest average gain on lambs fed on rape alone was 7 to 8 pounds per month. Sow it like corn, or broadcast." Lb. 25c, postpaid; 10 lbs. 75c, 50 lbs. \$3.00, 100 lbs. \$5 00.

**Dwarf Victoria.** A standard sort origin, sold by seedsmen in this country, and highly recommended by agriculturists both in Europe and America. In our tests we find that Dwarf Essex will surpass it in its vigor of growth and hardiness. Lb. 25c, postpaid; 10 lbs. 90c, 100 lbs. \$6.00

**Thousand Headed Kale.** A native of Europe, producing a tremendous mass of beautiful cut and curled leaves, which are long, large and rich, of a beautiful green color, and are eagerly sought and eaten by sheep, horses and cattle. The seed can be sown early in April or any time thereafter until midsummer. The best way is to plant with a garden drill, dropping the seeds about eight inches apart in the row, and the rows twelve inches apart each way. One pound this way will be sufficient for an acre, but if you wish to sow it broadcast use three pounds per acre. Our Thousand Headed Kale is hardier than Rape, and therefore becomes a magnificent plant to sow in conjunction with Rape, so that you can figure to pasture sheep, cattle, hogs and poultry a month to eight weeks longer by having a few acres of Thousand Headed Kale than you can on Rape alone. It grows to a height of three or four feet, the roots penetrating to a great depth in the sub-soil, so that the plant is not affected by drought. It grows with great rapidity after being fed off and flourishes in all kinds of soils. Lb. 35c, postpaid; 10 lbs. \$2.00, 100 lbs. \$17.00.

**Giant Spurry.** Spurry is of great value for light or thin ground, and several years' experimenting at the Michigan Agricultural College has proven that it is the only plant which can be grown on poor, sandy, dry soil, that will surely return a paying yield. Dr. Manley S'iles, of Lansing, Mich., calls it the clover of sandy soils, yielding 7,700 pounds per acre. In another report to the Michigan Agricultural Station, he says: "The Spurry has shown wonderful productiveness. Its value as a manure plant on light soils is pronounced. It seems to enrich the soil more rapidly than other plants. It is readily eaten by cows, sheep and cattle." The reports received from parties who have tested Giant Spurry are very gratifying indeed. Everybody pronounces it a tremendous hay producer, and the best green fertilizer. Lb. 25c, postpaid; 10 lbs. (enough for 1 acre.) 95c, 50 lbs. \$4.00, 100 lbs. \$6.90.



DWARF ESSEX RAPE.



THE FAMOUS EARLY  
POTATO  
Recommended  
BY THE  
RURAL NEW YORKER

## THE GREAT ALGOMA



A FIELD OF THE  
ALGOMA  
AT HARVEST  
TIME

THE ALGOMA.

AVERAGE YIELD  
500 TO 600 BUS  
PER ACRE

### ALGOMA AN AGRICULTURAL WONDER.

EXTRA EARLY. FINE SHAPE. ENORMOUS YIELDS. A new Potato that is certain to take the lead with growers who desire a first class early variety that is productive and sure to yield a good crop even in the most unfavorable seasons. Market gardeners and all others who grow potatoes cannot afford to overlook this wonderful variety. Its certainty to produce a big crop, fine appearance and enormous yield have called forth a testimonial from some of the most experienced potato growers in America. "The Rural New Yorker," the great agricultural paper of the East, says: "From time to time we have dug a hill of the varieties that claim to be the earliest now on trial on the Rural grounds. Thus far Algoma from L. L. May & Co., of St. Paul, Minn., has given the best yield. It is a most shapely potato, being smooth, oblong and slightly flattened." Lb. 25c, pk. 60c, bu. \$2.00, bbl. (2 3/4 bu.) \$5.00.

**Sir Walter Raleigh.** A white skin main crop potato, yields big crops and always commands a good price on the market. Lb. 25c, pk. 50c, bu. \$1.50, bbl. (2 3/4 bu.) \$3.75.  
**EARLY OHIO.** Lb. 25c, pk. 30c, bu. \$1.00, bbl. (2 3/4 bu.) \$2.50.  
**EARLY MARKET.** Lb. 25c, pk. 35c, bu. \$1.25, bbl. (2 3/4 bu.) \$3.00.  
**RED TRIUMPH.** Lb. 25c, pk. 35c, bu. \$1.25, bbl. (2 3/4 bu.) \$3.00.

**NORTHERN GROWN SEED POTATOES**—We have for years made a specialty of Potato growing. Our extensive experiments have led us to select stocks of extraordinary quality and our patrons can be assured that if early, medium or late sorts are required they will receive same true to name.

Prices quoted on pounds include postage.

good potato judges bear us out in the statement. It is extremely early. Planted May 10th, good large potatoes were dug July 20th, 70 days from time of planting. Will produce 500 bushels per acre, withstands drought to a remarkable degree, keeps well. In shape it is oblong—nearly straight, well set with eyes all over. The skin is of most curious formation for a potato, being very closely netted and veined like the Rocky Ford melon. It is rather thick and does not bruise easily thus enabling it to withstand shipping exceedingly well, as it will reach destination in prime condition and appearance. It is of light russet color, very pleasing and beautiful. Lb. 30c, pk. 75c, bu. \$2.50, bbl. (2 3/4 bu.) \$6.00.

**May's Late.** This is by far the best potato for general late use we know of. Flesh white, cooking qualities unsurpassed. Vines of vigorous growth, and will stand the drought better than most sorts. Enormously productive, tubers uniform. Lb. 25c, pk. 30c, bu. \$1.00, bbl. (2 3/4 bu.) \$2.50.

May's Netted Gem. Natural size



A  
COMPLETE  
FLOWER  
GARDEN,  
35c.



11 Packets for 35c  
POSTPAID

Embracing the best and hardiest of quick-growing annuals; the most desirable sorts for a home flower garden

**Sweet Peas, Gold Medal Mixed.** A grand collection of varieties including many of the high priced novelties as well as the double sorts. **Pkt 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

**Carnation, Marguerite.** An exceedingly vigorous class of plants especially adapted for garden culture. They bloom in 3 to 4 months from sowing and are at all times a mass of lovely flowers. Many of them are most beautifully marked and splashed in an infinite variety of shadings, some of the blossoms are almost as large and fine as the best greenhouse carnations. **Pkt. 10c, ½ oz. 50c.**

**Poppy, Golden Gate.** A magnificent variety with double orange colored blossoms. It blooms very freely, is easily grown and is a most welcome addition to any garden. **Pkt. 5c.**

**Mignonette, Giant Red.** The plant is of dwarf, branching habit; the foliage strong and luxuriant. The blossoms are produced in the greatest profusion, the trusses being very large and closely set. The color is deep red and it is intensely fragrant. It is valuable for cutting, remaining fresh a long time. **Pkt. 10c, oz. 25c.**

**Pansy, Large Flowering.** This strain is selected with the greatest care, being made from the best large flowering varieties. The blossoms are of largest size, finely formed and with distinct and beautiful markings. **Pkt. 10c.**

**Cleome Pungens, Giant Spider Plant.** This is a very showy garden plant producing curious rose colored blossoms. The stamens resemble spider legs and present a very attractive appearance. The plant grows 3 to 4 feet high and is often planted among shrubbery in the parks and in hardy perennial borders. **Pkt. 5c.**

**Verbena, May's Mammoth Mixed.** The seed for this valuable strain was selected with the greatest care from the best large flowering sorts. The blossoms are of immense size and are produced in the greatest abundance throughout the entire summer. **Pkt. 10c.**

**Phlox, Large Flowering.** This strain is a decided improvement over the old Drummond type, producing flowers twice as large and in the most brilliant colors imaginable. We have been very careful in the selection of this seed and it cannot fail of pleasing. **Pkt. 10c.**

**Aster, The Bride.** This variety is of dwarf branching habit of growth with long, curled petals resembling a Japanese chrysanthemum. The bloom is of large size and exquisite form, pure white when first opened, but gradually changing to rose color. A distinct novelty and sure to please all lovers of these popular flowers. **Pkt. 15c.**

**Nasturtium, Star Mixed.** We have made a specialty of this beautiful flower for years and by a careful, systematic selection, have one of the finest mixtures in the world. The colors are indescribably beautiful, while their free blooming qualities and ease of culture should readily commend them to all who grow flowers. **Pkt. 5c, oz. 10c.**

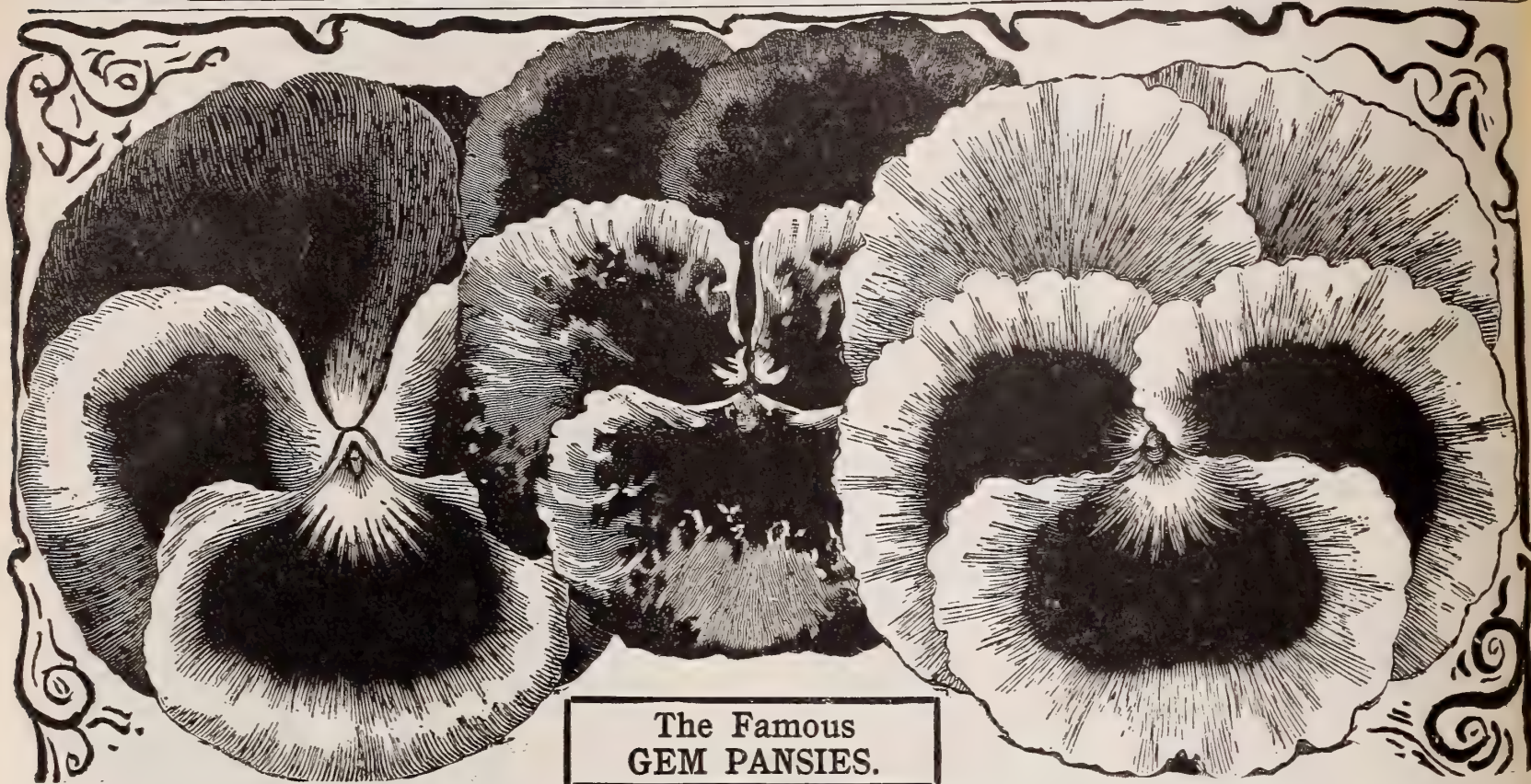
**Alyssum, Little Gem.** This is a veritable "Gem of the Garden." It is of dwarf, compact habit, seldom growing over 8 in. in height and covered the entire season with pure white, fragrant blossoms. **Pkt. 5c.**

**RAINBOW NASTURTIIUMS.** Among the many new varieties of these beautiful flowers there is none to surpass this unique and pleasing sort. The blooms are of a large size, of various colorings and markings and of most attractive appearance at all times. The distinguishing feature of these flowers, however, is the great variety of blossoms grown on the same plant. Some are light cream, others dark orange, still others crimson and scarlet, all overlaid and suffused with dark velvety tints, rendering them especially attractive. One plant may have as many as ten or twelve different colored flowers. These are tall or climbing sorts but are just as pretty grown as trailers or creepers on the ground, their rainbow colors contrasting nicely with their heavy dark green foliage and the grass. **Pkt. 10c, oz. 25c.**



**SPECIAL OFFER**—The Famous Collection and one packet of Rainbow Nasturtiums for.....**40c**  
THREE COLLECTIONS and one packet of Rainbows for.....**\$1.00**





The Famous  
GEM PANSIES.

**Gem Pansies.** This rare and valuable mixture was introduced by us three years ago, after years of painstaking care and expense. We offered this with the full assurance that it would please our customers in every particular and are happy to state that neither we nor they have been disappointed in it. This strain is undoubtedly the finest mixture of pansies in the world, and we offer them to our customers knowing that they will give unbounded satisfaction. They are remarkable for their large size, free flowering qualities, gorgeous blossoms and rich and varied markings. We sell them only at retail as **we wish our best customers, the real growers and lovers of rare flowers who buy in small quantities, to have the best that money can procure.** Pkt. 25c, 3 pkts. 50c, ¼ oz. \$1.00.

### The Quick Growing Brazilian Morning Glory.

A robust, vigorous growing climber with immense leaves, often measuring 10 to 12 inches across. The vine is covered with short reddish hairs, which, with its enormous leaves and peculiar cluster of seed capsules, render it a decidedly attractive ornamental climber. The blossoms, which are of a peculiar blue or reddish purple, are borne in clusters of from 2 to 3 each. Pkt. 10c.



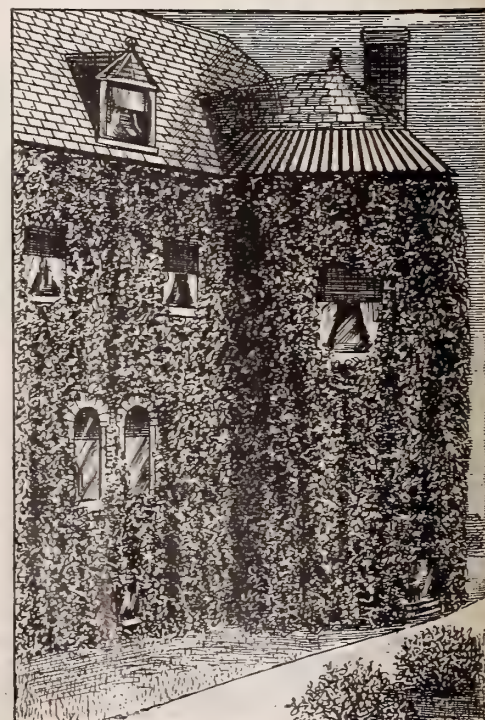
Klondike Daisy.

**The Klondike Daisy.** This is a hardy herbaceous plant from the land of ice and snow. It grows very luxuriantly and produces from the beginning of May to the middle of June, a great quantity of branching flower stems from 15 to 20 inches high. On the single wiry little flower stems the elegant-shaped, graceful flowers are produced in great abundance. The blossoms are of large size, pure white, and retain their form and freshness a long time after cutting. Pkt. 10c.

**The Japanese Kudzu Vine.** The wonderful, rapid growing vine from the land of the Mikado. This is the most remarkable climbing vine of the age and one that should be planted by everyone desiring a dense shade. It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber, remarkable for its great vigor of growth and its handsome flowers. The blossoms are large and in panicles somewhat like Wistaria but much larger in size and better clusters. The color is of a pleasing shade of purple. The foliage is large, shaped somewhat like the leaf of a bean; the vine is extremely rapid and dense in growth, making the Japanese Kudzu Vine of great value where a quickly produced shade is wanted. Unlike many of our climbing vines it requires little or no care, commences growth so early in the spring and is so full of life and vigor that it will cover a wall or trellis before a Clematis or Wistaria would hardly get started. Its handsome blossoms are most attractive and its hardy nature commends it to everyone. It can be used to advantage in a great variety of places. Pkt. 10c.

**Cosmopolitan Pansies.** Especially fine for florists and others who grow for profit. This strain is mixed specially for our florist friends who want something superior to that ordinarily offered. The plants grown from this mixture are of the greatest vigor and perfection in growth as well as beauty, and in size, color and form are unsurpassed. We have carefully selected this mixture from over a hundred choice strains, all of which have been carefully tested in our greenhouses. Doing a large florist business ourselves, growing upwards of 100,000 pansy plants each year for the retail trade, we are in a position to know a florist's wants, and offer this strain with perfect confidence, knowing that it will please the most exacting. Pkt. 25c, ¼ oz. \$1.00, oz. \$3.00.

**New Climbing Dolichos Or Perfection Hyacinth Bean Daylight.**—This remarkable climber from Japan is of very rapid growth, attaining a height of 15 to 20 feet by midsummer. It thrives under most adverse conditions and in all kinds of weather, making a most wonderful growth at all times. The flowers, which are produced in great profusion, are snow white, sweet-scented and are followed by cream colored seed pods, which hang on the plants till late fall. Pkt. 10c.



Kudzu Vine.





## CHOICE ASTERS.

**Fire King** One of the most brilliantly colored Asters we have ever seen. The flowers are of enormous size, a rich shade of deep crimson, and often measure as much as 5 inches in diameter. The blooms are of perfect form, the petals deep, heavy and slightly incurved. The plant is a vigorous, upright grower, about 15 or 18 inches in height and produces its mammoth blossoms in wonderful profusion late in the season. Pkt. 15c.

**Snowball** Valuable for massing in beds or pot culture. It grows to a height of about 15 inches, and bears large, rather globe-shaped, pure white flowers. The plant is of upright, bushy habit and has been known to bear as many as 25 or 30 flowers. The vigorous, healthy habit of the plant and the freedom with which the flowers are produced recommend it to everyone. Pkt. 15c.

**White Star.** A beautiful white mid-season sort, introduced by us some 15 years ago. It produces large, pure white, double recurved blossoms in great profusion. The stems are stiff and erect, holding the bloom well up out of the dirt. Pkt. 10c.

**Transvaal Arbor Plant** This mammoth Arbor Plant is a hardy herbaceous perennial, growing readily from seed and attaining gigantic proportions in two or three years. Its strong, stiff leaf stalks often measure from 6 to 10 feet in height, while its mammoth leaves are of most distinct and striking beauty. When they first appear in the spring they are of a beautiful brownish red color, which gradually changes to deep olive green. They are from 3 to 4 feet in breadth, with strong stout mid-ribs, and the whole upper surface studded with short, sharp spines, the whole leaf being of stout, firm texture, withstanding wind and rain with impunity. These plants are fine for groups on large lawns, etc., or as single specimen plants. They require a slight protection of leaves or strawy manure in the winter. Pkt. 15c.



Hawaiian Treasure Plant.



Daybreak.

## Imperial German Nasturtiums

This rare and beautiful strain, introduced by us two years ago possesses so many points of exceptional merit that we offer them to our customers and friends with the positive knowledge that they will give entire satisfaction under the most exacting circumstances. They are not untried novelties, neither are they time-worn sorts, which every seedsman offers. They are the results of years of painstaking hybridizing and careful selection on the part of one of Europe's leading specialists, who has made a life-long study of this class of flowers. The colors range from creamy white through the various shades of yellow, orange, pink, red and scarlet to the deepest crimson, giving the widest possible range of tints. We offer them in either tall or dwarf mixed. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.00.

## The Hawaiian Treasure Plant

This marvel of growth, from the far off Pacific, is one of the most interesting plants we have ever seen. It is an annual, growing from 4 to 8 feet in height in a single season from seed, and forming compact, symmetrical heads of foliage of rare grace and beauty. It requires no trimming, naturally forming most beautiful plants, useful alike for ornament and shade. It is most valuable for screening unsightly places as well as for single specimen plants on the lawn. It is also beautiful, planted in groups and in rows for an ornamental hedge. In late autumn it produces minute scarlet blossoms of rare beauty, which are quickly followed by the seed. Pkt. 10c.

## MAY'S NEW BRANCHING ASTERS.

Illustrated on Outside Back Cover.

GIANTS IN SIZE. MARVELS OF BEAUTY.

WONDERFULLY PROLIFIC.

THE BEST CLASS OF ASTERS FOR GENERAL CULTIVATION EVER INTRODUCED.

The plants are compact and bushy, from 24 to 30 inches high, and produce from 20 to 30 blossoms each. These are borne on strong, stiff stems, are from 3 to 5 inches in diameter, in form, shape and color, resembling Chrysanthemums. As they are rather erect in growth they can be planted closer together than other varieties, and at the same time hold their mammoth blossoms well up from the ground, so that they are at all times clean and pure. The freedom with which they bloom, the extra large blossoms, the delicate colors and their vigorous growth, all combine to make them a truly remarkable class. They are unapproached by any other Aster, and as they are of easy culture, should be extensively grown. We offer them in six distinct shades of color. Bright Carmine, Clear Pink, Lavender Blue, Purple, Pure White and Red. Per Packet 10c. Six Packets 50c.

**Daybreak** This beautiful Aster is one of those rare gems that has come to stay; no private garden is complete without it, and for florists' use it is unsurpassed. The flowers are round as a ball, very large and full, on long stems; the color a lovely sea-shell pink. The plant flowers very early, and is a continuous free-bloomer, a compact, strong grower, and in all respects a desirable acquisition. Pkt. 10c.

**Purity** This new Aster is the handmaid to our Daybreak, being identical with it in form and habit, but the blooms are pure white. A finer combination of color cannot well be imagined than the massing together of these two beauties, either in bouquet groups or for decorative design. The plant is an early and free bloomer, like its companion. Pkt. 10c.

## Wonderful Yellow Astor.

The introduction of a Yellow Aster created a sensation with flower lovers, who never imagined such a variety attainable. The flowers are of large size, of a rich golden color. The plant is a strong, thrifty grower, desirable either for pot or open ground culture. Its greatest value lies in its color, which shows to the best advantage when grown in a bed with other colors. Pkt. 15c.



Imperial German Nasturtium.







## ASTERS.

These popular annuals require a rich, light soil, and in hot, dry weather should be thoroughly mulched with well rotted manure, and frequently supplied with liquid manure. The extra care and labor bestowed will be well repaid by the increased size and quantity of bloom.

## Gold Coin Collection.

**No. 1, HARLEQUIN.**—A gaily colored variety which blooms rather late in the season. The flowers are large, marked, striped and blotched in the most charming manner. Its oddly colored blossoms never fail to attract attention. **Pkt. 10c, oz. 75c.**

**No. 2, CROWN OR COCARDEAU**—This beautiful variety grows 18 to 24 inches high, producing flat-shaped blossoms, each one distinctly marked by a white center. The outer petals are of various shades and colors. It is distinct from all other sorts and very pleasing. **Mixed colors. Pkt. 10c, oz. \$1.00.**

**No. 3, VICTORIA.**—Magnificent double blossoms, very showy and massive, with regular overlapping petals clear to the center. The flowers measure 4 to 5 inches across. The plants grow uniformly about 18 inches high, and carry 25 to 40 blossoms on a plant. They are very handsome and highly prized for cutting. In six separate colors—**peach blossom, pink, sky blue, scarlet, white and white tinted rose.** Each, **Pkt. 10c, ¼ oz. 50c.**

**No. 4, PERFECTION GLOBE ASTERS.**—These are of the largest size, petals incurved, very floriferous. A very handsome and desirable class. In separate colors—**blue, pink, white.** **Pkt. 10c, oz. 35c.**

**No. 5, DWARF COMET OR POODLE.**—A handsome and very distinct variety. The flowers resemble the Japanese chrysanthemums in shape and form. The petals are very long, beautifully curled of a delicate pink tint, bordered with white and bright pink, light blue and other colors. One of the handsomest in the entire list. In separate colors—**crimson, pink, light blue, purple, dark blue, red, peach blossom, white.** **Pkt. 10c, ½ oz. 75c.**

The above collection, 5 choice sorts, for 35c, one-quarter ounce of each for \$1.25.

**CHRISTMAS TREE.**—Of branching habit, it comes into bloom very early, and is the most profuse bloomer ever introduced. Small plants with from 75 to 150 blossoms are no uncommon sight. In separate colors—**white, pink, blue, red, mixed.** **Pkt. 10c.**

**DWARF CHRYSANTHEMUM FLOWERED PINK.**

—Of very compact growth, flowers from 3 to 4 inches in diameter and very abundant. It comes into bloom later than other varieties, and is valuable for a succession. Grows about 10 inches high. **Pkt. 10c.**

**DWARF OSTRICH FEATHER.**—Of dwarf, branching habit, with long, curled petals resembling chrysanthemums. The bloom is of large size and form.

**The Bride.**—Pure white when first opened, but gradually changing to rose color. **Pkt. 10c.**

**Mixed.**—All colors, **Pkt. 10c.**

**GOLIATH.**—Very tall growing, branching freely with flowers of largest size. **Crimson, dark blue, light blue, Mont Blanc (pure white), Mont Rose (pink), peach blossom, red.** **Pkt. 10c.**

**GIANT COMET.**—One of the handsomest of the tall-growing sorts. The flowers are of magnificent size and proportions, many of them measuring 6 inches in diameter. The blooms consist of long, wavy, twisted petals, gracefully formed into dense, double globular masses of intense beauty. **Crimson, dark blue, lavender, light blue, rose, striped bluish and white.** **Pkt. 10c.**

**HOHENZOLLERN.**—With the introduction of the Giant Comet Asters perfection in Aster growing seemed to have reached its culmination. But improvement is the order of the age, and the **Hohenzollern** comes as an improvement over the Giant Comet. The blossoms are much larger in this improved sort, the petals being longer and much more curled and twisted. They are borne on long stems, and produced very abundantly. We offer them in three colors—**crimson, pink and white.** **Pkt. 10c, or three packets for 25c.**

**IMBRIQUE POMPON**—Fine imbricated flowers of perfect form. **Brick red, rose, violet, white, mixed.** **Pkt. 5c.**

**LILLIPUTIAN WHITE**—Small double blossoms, fine for bouquets. **Pkt. 5c.**

**MIGNON**—One of the best for cutting, bearing an enormous quantity of good size blossoms on each plant. **Light blue, peach blossom, pure white, mixed.** **Pkt. 10c.**

**QUEEN OF THE MARKET**—The earliest in cultivation. Fully two weeks earlier than any other variety, of branching habit and a profuse bloomer, valuable for florists and others who grow for the early market. **Crimson, dark blue, light blue, pink, rose, purple, scarlet, white.** **Pkt. 10c.**

**QUILLED.**—Quill shaped petals bunched in a mass. Fine for decorative work and bouquets. **Blue, pink, sulphur yellow, white.** **Pkt. 5c.**

**SEMPLER BRANCHING**—Largely grown by florists for cutting purposes. Branches freely producing large, perfect flowers from 4 to 6 inches in diameter. **Crimson, light blue, purple, red, rose, shell pink, white.** **Pkt. 10c.**

**TALL CHRYSANTHEMUM WHITE.**—Fine, large blooms on long stems. Excellent for cutting. **Pkt. 10c.**

**TRUFFANTS PEONY FLOWERED.**—The largest and best of the recurved sorts **Pkt. 10c.**

**FIRE KING.**—A rich shade of crimson. Illustrated and described on page 43. **Pkt. 15c.**

**SNOWBALL.**—Pure white, globe shaped blossoms of immense size. See page 43. **Pkt. 15c.**

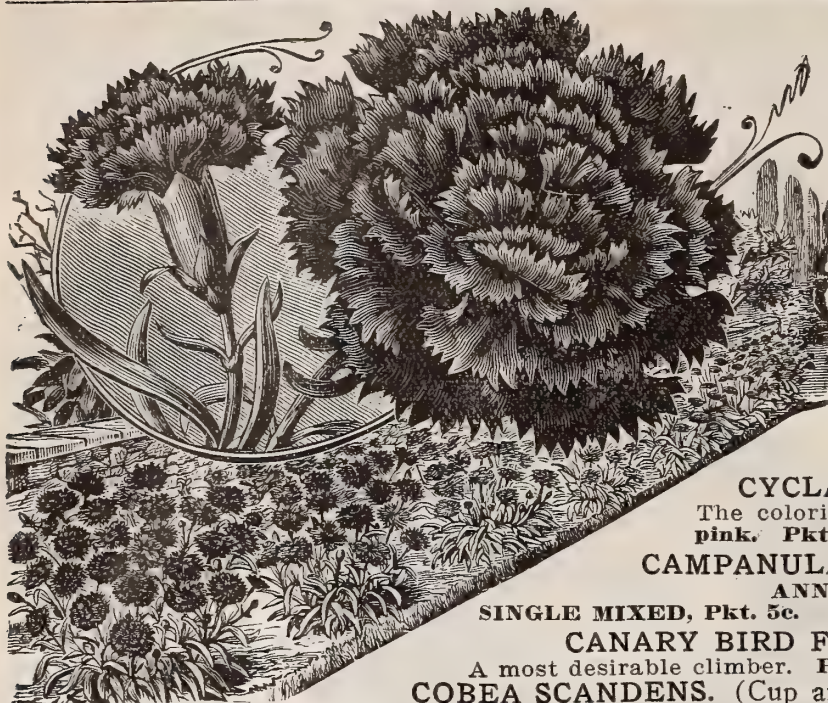
**DAYBREAK.**—Large, perfect, globe shaped blossoms of a delicate pink tint. See page 43. **Pkt. 10c.**

**PURITY.**—Pure white, large blooms, new and distinct. See page 43. **Pkt. 10c.**

**MAY'S NEW BRANCHING.**—See back cover and page 43. No finer strain was ever introduced. **Pkt. 10c.**







**The Gorgeous Marguerite Carnations.** Bloom in 4 months from sowing of seed. This is an exceedingly vigorous class of plants especially adapted to outdoor culture. They are of very neat habit and remarkable for their great profusion of bloom. The colors and markings range through the various shades of crimson, scarlet, pink, lilac, maroon and yellowish white. Many of them are most beautifully splashed and streaked in an infinite variety of shadings. Stems are strong and erect, while the individual flowers are of the largest size and unequalled by any flowers for cutting purposes. They bloom in from three to four months after sowing. To secure best results they should be sown inside in February or March and transplanted to the open ground as soon as weather permits. Mixed colors. Pkt. 10c, ½ oz. 50c.

#### CALCEOLARIA. Tender Perennial.

**HYBRIDA GRANDIFLORA**—The best hand fertilized seed. Extra choice. Pkt. 25c. **COMMON MIXED.** Pkt. 15c.

#### CALENDULA. (Pot Marigold.) Annual.

**PRINCE OF ORANGE**—Glittering orange and yellow. Pkt. 5c, oz. 10c. **METEOR**—Pkt. 5c. **MIXED**—Pkt. 5c, oz. 10c.

#### CYCLAMEN PERSCIUM GIGANTEUM. Tender Perennial.

The colorings are very rich and beautiful. Rose, white, crimson, purple, pink. Pkt. 25c, 5 pkts. \$1.00.

#### CAMPANULA. (Canterbury Bells.)

##### ANNUAL SORTS

**SINGLE MIXED,** Pkt. 5c. **DOUBLE MIXED,** Pkt. 5c.

#### CANARY BIRD FLOWER. Annual.

A most desirable climber. Pkt. 5c.

#### COBEA SCANDENS. (Cup and Saucer Vine.) Annual.

A rapid climber, producing bell-shaped purple blossoms. Pkt. 10c.

#### COREOPSIS. Hardy Perennial. Bright golden yellow. Pkt. 10c.

#### CYPRESS VINE. Annual.

Scarlet, white, Mixed—Pkt. 5c, oz. 25c.

#### CHRYSANTHEMUM. Annual.

**ECLIPSE**—Yellow, purplish scarlet and brown. Pkt. 10c, oz. 35c.

**LORD BEACONSFIELD**—Rich crimson maroon. Pkt. 5c, oz. 15c.

**TRICOLOR SINGLE MIXED**—Pkt. 5c, oz. 15c.

**DOUBLE ANNUAL MIXED**—Pkt. 5c, oz. 20c.

#### DAHLIA. Tender Perennial.

**SINGLE MIXED**—Pkt. 5c, oz. 40c.

**DOUBLE MIXED**—Pkt. 10c, oz. \$1.00.

#### COSMOS. Annual.

**MARGUERITE FRINGED**—Pkt. 10c.

**EARLY DWARF DAWN**—Pkt. 10c.

**EARLY FLOWERING MIXED**—Pkt. 10c, oz. 25c.

**GIANT FLOWERING**—Pkt. 10c, oz. 25c.

#### DATURA (Trumpet Flower.) Annual.

**CORNUCOPIA**—(Horn of Plenty.) Pkt. 10c.

**GOLDEN QUEEN**—Pkt. 10c.

**WRIGHTI**—(Angel's Trumpet.) White and lilac. Pkt. 10c.

### New Giant Early Flowering

**Cosmos. Mammoth Perfection**—A new race of these exquisite flowers with blooms of immense size, often measuring 4 to 5 inches in diameter. For cutting for bouquet purposes this is one of the finest flowers in cultivation, lasting fully two weeks in water. The plants grow to a height of 5 or 6 feet, are of symmetrical growth, forming perfect pyramids of bloom in early autumn and continue in bloom until killed by severe frost. In three separate shades: white, pink and crimson. Pkt. 10c or 3 for 25c.



Giant Cosmos.

### The Showy Calliopsis.

**GOLDEN WAVE.** A most beautiful and showy plant, producing its deeply fringed golden yellow flowers in the greatest profusion the entire summer. It is a flower that is sure to please everyone with its rapid growth, bright showy blossoms and abundance of bloom. Pkt. 10c, 3 pkts. 25c.

**Centaurea Marguerite. The large white Sweet Sultan.** Distinct from all other Centaureas and undoubtedly one of the most beautiful flowers of late introduction. The plants are easily raised from seed, and grow to a height of from fifteen to eighteen inches. The charming white flowers are produced on long stems and are very desirable for bouquets, etc., as they will keep for quite a while after being cut. Pkt. 10c.

#### CENTAUREA IMPERIALIS.

(Giant Sweet Sultan.) Annual.

In separate colors. Rose, Red, Blue, White, Mixed. Pkt. 10c.

#### CENTAUREA.

(Dusty Miller.) Tender Perennials.

**CANDIDISSIMA**—Pkt. 5c. **GYMNOCARPA**—Pkt. 5c.

#### CENTAUREA CYANUS.

(Corn Flower.) (Ragged Sailor.) Annual.

White, Blue, Rose, Red, Mixed. Pkt. 5c, oz. 20c.

#### CYPERUS. (Umbrella Plant.)

Tender Perennial—Pkt. 10c.

#### CENTROSEMA GRANDIFLORA.

(Butterfly Pea.) Perennial—Pkt. 10c, oz. 75c.

#### CINERARIA HYBRIDA. Tender Perennial.

**LARGE FLOWERING MIXED**—Pkt. 25c.

**CHOICE MIXED**—All colors. Pkt. 15c.

#### DAISIES. (Bellis Perennis.) Perennial.

**LONGFELLOW**—Rich rose color. Pkt. 10c.

**SNOWBALL**—Double white. Pkt. 15c.

**DOUBLE MIXED**—Pkt. 10c.



(Cockscomb.) Hardy Annual. **GLASGOW PRIZE**—Dwarf with immense crimson combs. Pkt. 10c. **DWARF MIXED**—Pkt. 5c. **CHOICE MIXED**—Pkt. 5c.

#### CALLIOPSIS. Annual.

**CRIMSON BEAUTY**—Dark, crimson-colored blossoms, freely produced during the summer season. Pkt. 10c.

**SINGLE MIXED**—Pkt. 5c.

**DOUBLE MIXED**—Pkt. 5c.

#### CANDYTUFT. Annual.

**CRIMSON KING**—Pkt. 5c.

**EMPRESS**—Pkt. 5c.

#### GIANT HYACINTH FLOWER-ED.

A grand variety producing enormous spikes of bloom resembling a White Hyacinth. Pkt. 10c. **ODORATA**—Very fragrant. Pkt. 5c. **SNOWBALL**—Pkt. 10c.

#### CANNAS.

Choice mixed seed, collected from named varieties at our seed farm. Pkt. 5c, oz. 10c.

#### COLEUS. Tender Perennial.

Choice Mixed Seed—Pkt. 10c.

#### DELPHINIUM.

(Larkspur.) Annual Varieties.

**EMPEROR**—Many colors, mixed. Pkt. 5c.

**TALL DOUBLE ROCKET**—Pkt. 5c.

#### Perennial Sorts.

**FORMOSUM**—Blue, white eye. Pkt. 5c.

**HYBRIDUM**—Mixed. Pkt. 5c.

**NUDICAULE**—Scarlet. Pkt. 5c.



Centaurea Marguerite.



## GYPSOPHILA ELEGANS. (Baby's Breath.)

ANNUAL—Pkt. 5c, oz. 15c.

## GYPSOPHILA PANICULATA.

HARDY PERENNIAL—Pkt. 5c.

## GOURDS. Annual.

BOTTLE SHAPED—Pkt. 5c, oz. 20c.

CHINESE LOOFA—(Dish Rag Gourd.)—Pkt. 5c, oz. 20c.

DIPPER—Pkt. 5c, oz. 15c.

HERCULES CLUB—Pkt. 5c, oz. 15c.

SNAKE—Pkt. 5c, oz. 15c.

WHITE EGG—Pkt. 5c, oz. 15c.

MIXED—Pkt. 5c, oz. 15c.

## HOLLYHOCKS

In separate colors, double: Crimson, Flesh, Purple, Rose, Scarlet, White, Yellow, Pkt. 10c; Single, mixed, Pkt. 5c.

## HELIOTROPE. Annual.

Seedling plants as a rule are more vigorous than those grown from cuttings and usually produce a greater amount of flowers. Pkt. 10c, ¼ oz. 50c.

## GLAUCIUM. (Horned Poppy.)

HARDY PERENNIAL—Pkt. 5c, oz. 20c.

## GODETIA.

BRIDE—The bloom is pure white with a distinct carmine center. A very beautiful and showy variety Pkt. 5c.

DUCHESS OF ALBANY—The blooms are of the largest size, pure satiny white and very attractive Pkt. 5c.

BEAUTY OF ST. PAUL—Crimson. Pkt. 5c.

BIJOU—Spotted, creamy white and crimson. Pkt. 5c.

MIXED—Pkt. 5c, oz. 20c.

## GREVILLEA ROBUSTA.

TENDER PERENNIAL—(Silk Oak.) — Beautiful fern like foliage Pkt. 5c.

## HEDYSARUM. Biennial.

French Honeysuckle. Mixed colors. Pkt. 5c, oz. 20c.

## HELICHRYSUM. (Straw Flower.)

HARDY ANNUAL—Mixed colors. Pkt. 5c, oz. 25c.

## HESPERIS.

Tender Perennial—(Sweet Rocket). Pkt. 5c, oz. 15c.

## HIBISCUS.

Hardy Annual—(Marsh Mallow.)—Pkt. 5c.

## HUMULUS JAPONICUS

## VARIEGATUS.

Annual—(Variegated Japan Hop.)—Pkt. 5c.

## LANTANA.

Tender Perennial—Pkt. 5c, oz. 25c.

## DOLICHOS.

Annual—(Hyacinth Bean.)—Mixed. Pkt. 5c.

## DIGITALIS.

Hardy Perennial—(Foxglove.)  
PURPUREA—Reddish purple. Pkt. 5c.  
MIXED—All colors. Pkt. 5c.



Little Gem Pink.

Next to the Marguerite Carnations this is one of the greatest novelties in flowers ever introduced. The plants grow very rapidly and bloom in a short time after sowing. They are of dwarf habit, seldom attaining a height of over 6 inches. The flowers are produced in the greatest profusion imaginable, and are of the most beautiful shades, being a combination of wine red suffused and veined with rosy carmine, each flower being broadly margined with white. The combination is one of the prettiest in the whole realm of flowers. Pkt. 10c.

GOLD STRIPED—Striped and marked with golden yellow. Pkt. 10c.

TALL DOUBLE AFRICAN MIXED—Pkt. 5c, oz. 20c.

## DIANTHUS OR PINKS.

DOUBLE CHINA PINK—Pkt. 5c, oz. 25c.  
DOUBLE FRINGED JAPAN PINK—Pkt. 10c.

FIREBALL—Large full double blossoms of a rich, velvety red, sometimes shaded brilliant crimson. Pkt. 10c.

HEDDEWIGI—Single, mixed. Double, mixed. Pkt. 5c, oz. 25c.

IMPERIAL MIXED—Pkt. 10c, oz. 25c.

DOUBLE IMPERIAL MIXED—Pkt. 10c, oz. 30c.

DOUBLE FRINGED AND STRIPED—Pkt. 10c.

GOOD MIXED—Pkt. 5c, oz. 25c.

PHEASANT'S EYE—Perennial. Pkt. 10c.

MOURNING CLOAK—Pkt. 10c.

SNOWSTORM—Large double pure white. Pkt. 10c.

## EUPATORIUM. Hardy Perennial.

Clusters of snow white flowers. Pkt. 10c.

## FUCHSIA.

## Tender Perennial.

MIXED—Choice single and double. Pkt. 5c.

## PROCUMBENS Pkt. 10c.

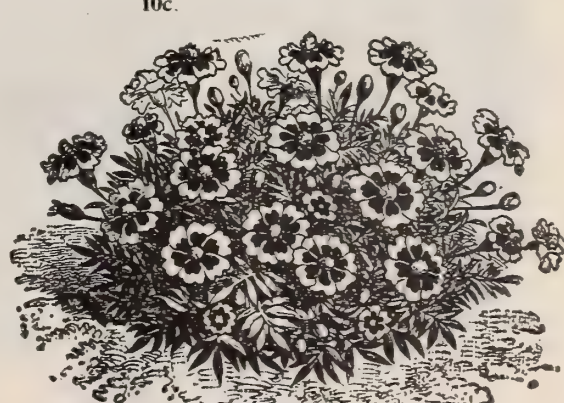
## DRACENA INDIVISA.

TENDER PERENNIAL—Very decorative. Pkt. 10c.

## New Dwarf German

## Marigold.

SPOTTED BEAUTY—The plants are very dwarf, forming neat, compact, bushy plants 4 to 5 inches high and 6 inches in diameter, which blossom very freely the entire season. The flowers are small, perfectly double, of a bright sulphur yellow, each petal marked with a dark brown blotch. A most valuable variety for carpet bedding, edging and masses. Pkt. 10c.



Dwarf Spotted German Marigold.



## Hybrid Gaillardias.

The Hardy Blanket Flowers—These charming flowers are among the brightest and best grown. They commence to bloom in 60 days from sowing of seed and continue a perfect mass of beauty until killed by severe frost. They withstand wind and rain better than any other annual with which we are acquainted, and are at all times clean and handsome. The blossoms are of large size, 3 to 4 inches in diameter, and are produced in the various shades of red, orange, yellow and salmon, many of them being most beautifully marked and margined. Pkt. 5c, oz. 25c.

## GLOXINIA. Tender Perennial.

MIXED SEED—Pkt. 25c.

## GLOBE AMARANTH. Annual.

Mixed seed. Pkt. 5c, oz. 15c.

## LOBELIA. Annual.

Compact or Bedding Sorts.

CRYSTAL PALACE—Pkt. 10c.

EMPEROR WILLIAM—Pkt. 10c.

Erinus or Trailing Sorts.

GRACILIS—Bright blue with white eye. Pkt. 5c.

SPECIOSA—Dark blue. Pkt. 5c.

MIXED—Pkt. 5c, oz. 25c.

## LOBELIA CARDINALIS.

Perennial—Scarlet blossoms. Pkt. 10c.

## LUPINUS. Annual.

MIXED—Pkt. 5c.

## MARIGOLD.

(Indian Rose.) Annual.

ELDORADO—Large double flowers of all shades of yellow, deeply imbricated Pkt. 10c, oz. 25c.

FRENCH, DOUBLE DWARF—Grows 10 or 12 inches high, and produces double flowers of various shades and colors. Pkt. 10c.

## Mammoth Allegheny Hollyhock. Improved

Perpetual BLOOMERS—This grand new flower is a decided improvement in more than one particular over the old fashioned variety. Its first point of merit is the fine, transparent fringed flowers which look as though they were made up of crushed silk. It is a perpetual bloomer, and has from 2 to 4 buds at base of each leaf, where the old style has only one. All of these buds develop into flowers in rotation, the largest buds first, then the smaller ones, and so on until they have all opened up to beautiful flowers. In separate colors. Black Red, Bright Red, Maroon, Rose, Shell Pink, Pkt. 15c, 5 Pks. 50c.







### The Giant White Moon Flower.

The most rapid growing of all the Climbers and at the same time one of the most beautiful. Its mammoth milk white blossoms often measure 6 inches in diameter and open only at night. They are of satiny texture and are handsome and attractive. Pkt. 5c.

#### MIGNONETTE.

(Reseda.) Annual.

ALLEN'S MAMMOTH—Spikes of enormous dimensions 10 to 15 inches long and delightfully fragrant. Pkt. 10c.

CRIMSON BELLE—Reddish crimson. Pkt. 10c.

GIANT WHITE—Flowers large. Pkt. 10c.

GOLDEN QUEEN—Rich golden. Pkt. 10c.

MACHET—Deep red blossoms. Pkt. 10c, oz. 25c.

ODORATA OR SWEET—Pkt. 5c, oz. 15c.

PARSON'S WHITE—Large white. Pkt. 10c.

VICTORIA—The color is deep red and the bloom is intensely fragrant. Pkt. 10c, oz. 25c.

#### MYOSOTIS.

(Forget-Me-Not.) Perennial.

ALPESTRIS—Blue. Pkt. 5c.

FAIRY QUEEN—Porcelain blue. Pkt. 10c.

PALUSTRIS—The true hardy swamp variety. Pkt. 5c.

VICTORIA BLUE—Large blossoms. Pkt. 5c.

VICTORIA ROSE—Rose colored. Pkt. 5c.

VICTORIA WHITE—Pure white. Pkt. 5c.

Collection of 6 Packets for 25c.

MIXED—All colors. Pkt. 5c, oz. 50c.

#### MATRICARIA. Annual.

DOUBLE WHITE—(Double Feverfew.) Pkt. 10c.

MAURANDIA. Charming Climbers.

MIXED—Pkt. 10c.



Sunrise Glory.

#### MIMULUS. Musk Plant.

TENDER PERENNIAL—Pkt. 10c.

MIRABILIS. Marvel of Peru.

(Four O'Clocks.) Annual.

MIXED COLORS—Pkt. 5c, oz. 10c, ¼ lb. 30c.

MORNING GLORIES. (Convolvulus.)

Dwarf or Bush Varieties.

IMPERIAL BLUE—Rich deep blue. Pkt. 5c.

LILAC BELLE—Delicate lavender, tinted rose. Pkt. 5c.

WHITE QUEEN—Pure white. Pkt. 5c.

TALL MIXED—Pkt. 5c, oz. 15c.

ROCHESTER—The large open trumpet shaped blossoms are distinctly outlined with a band of silver white. Pkt. 10c.

IMPERIAL JAPANESE—Of gigantic size and good substance remaining open the greater part of the day. Colors range from snow white to purple black, with all the possible intermediate shades. Pkt. 10c.

NEMOPHILA. (Love Grove.) Annual.

Neat compact plants with strikingly beautiful flowers. Pkt. 5c.

NICOTIANA. Half Hardy Annual.

AFFINIS—Star shaped blossoms. Pkt. 5c.

COLOSSEA—Foliage beautifully marbled veined and edged. Pkt. 10c.

SYLVESTRIS—Long white flowers. Pkt. 10c.

Collection of 3 Packets for 20c.

#### NIGELLA.

(Love in the Mist.) (Devil in the Bush.) Annual. Pkt. 5c, oz. 10c.

PALM SEED. Tender Perennial.

MIXED—Pkt. 25c.

PASSION FLOWER. Tender Perennial.

MIXED—Pkt. 10c.

PENTSTEMON HARTWEIJ.

PERENNIAL—Pkt. 10c.



Double Yellow Phlox, Gold King.

### The Everblooming Yellow Phlox

GOLD KING—The grandest novelty in Phloxes ever offered the flower lovers of America. It is a rapid growing, free blooming, mammoth, perfectly double flowering variety of the most beautiful shade of golden yellow imaginable. The plant is of strong, vigorous habit, attains a height of 15 inches, and bears its enormous ball-like clusters of flowers on strong, stiff stems. Pkt. 10c.

### The Peerless Petunia

SUNRISE GLORY—A remarkable new variety of most surpassing beauty. A charming novelty that cannot fail to please the most fastidious. The blossoms are of large size, most beautifully fringed and delicately streaked and marked with a sharply defined golden yellow throat, forming a most glorious combination, never before found in a Petunia. Pkt. 25c.

### The Wonderful Double Morning Glory

WHITE TASSEL—One of the most charming climbers that has ever come to our notice. It is a rapid growing vine with beautiful white tassel-like blossoms, which have a delicate marking of purple on the inner petal. The flowers are beautifully fringed and never fail to attract attention wherever seen. Easily grown from seed, and will give a good percentage of double flowers. Pkt. 10c.

#### NASTURTIUMS.

(Tropaeolum.) Annual. Dwarf Varieties.

BEAUTY—Beautifully marked yellow and red. Pkt. 5c.

BRONZE—Coppery bronze color. Pkt. 5c.

EMPEROR OF INDIA—Dark crimson flowers. Pkt. 5c.

GEM—Sulphur orange, spotted deep maroon. Pkt. 5c.

RUBY KING—Light rosy red. Pkt. 5c.

KING THEODORE—Deep maroon. Pkt. 5c.

YELLOW—Clear creamy yellow. Pkt. 5c.

THE ROSE—Pinkish rose. Pkt. 5c.

BRONZE PRINCE—Mahogany and bronze. Pkt. 5c.

VIOLET—Rich violet purple. Pkt. 5c.

PRINCE HENRY—Cream, spotted scarlet. Pkt. 5c.

STAR MIXED—Pkt. 5c, oz. 10c.

IMPERIAL GERMAN—For illustration and description see page 43. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.00

Tall or Climbing.

GOLD LEAF—Pkt. 10c.

KING THEODORE—Dark Crimson. Pkt. 5c.

ROSE—Clear rose shade. Pkt. 5c.

ORANGE—Bright orange. Pkt. 5c.

CHOCOLATE QUEEN—Brown. Pkt. 5c.

SUNBEAM—Pure yellow. Pkt. 5c.

SCARLET—Rich scarlet. Pkt. 5c.

THE PEARL—Clear pearl color. Pkt. 5c.

BLOTCHED BEAUTY—Pkt. 5c.

CRIMSON PRIZE—Rich crimson. Pkt. 5c.

REGELIANUM—Violet crimson. Pkt. 5c.

HEMISPHERICUM—Pkt. 5c.

KING OF BLACKS—Blackish brown. Pkt. 5c.

ED OTTO—Brownish lilac. Pkt. 5c.

RAINBOW—A charming novelty, see page 41.

MIXED—A splendid mixture. Pkt. 5c, oz. 10c.

IMPERIAL GERMAN—See page 43. Pkt. 10c, oz. 15c, ¼ lb. 40c.

### LOBB'S NEW CLIMBING NASTURTIUMS.

A new class, which produces a greater profusion of blossoms than the old sorts, but the flowers or foliage are not so large.

BRILLIANT—Deep scarlet. Pkt. 5c.

CHAXIANUM—Yellow and carmine. Pkt. 5c.

MERCIER LACOMBE—Rich crimson. Pkt. 5c.

LILLI SCHMIDT—Orange scarlet. Pkt. 5c.

MONSIEUR COLMET—Dark brown. Pkt. 5c.

TRIUMPH DE GAND—Light scarlet. Pkt. 5c.

LOBB'S MIXED—Pkt. 5c.

#### PHLOX DRUMMONDI.

Annual. Tall Flowering Sorts.

AYLESBURY PRIZE—White and crimson. Pkt. 10c.

CRIMSON WHITE EYE—Crimson with white eye. Pkt. 10c.

EASTERN QUEEN—Deep rose. Pkt. 15c.

FIREBALL—Fiery scarlet. Pkt. 15c.

ISABELLINA—Light salmon. Pkt. 10c.

QUEEN VICTORIA—An immense white. Pkt. 10c.

STAR QUEDLINBURG—Pkt. 10c.

THE COUNTESS—Rosy pink. Pkt. 10c.

Collection of 8 named sorts 75c.

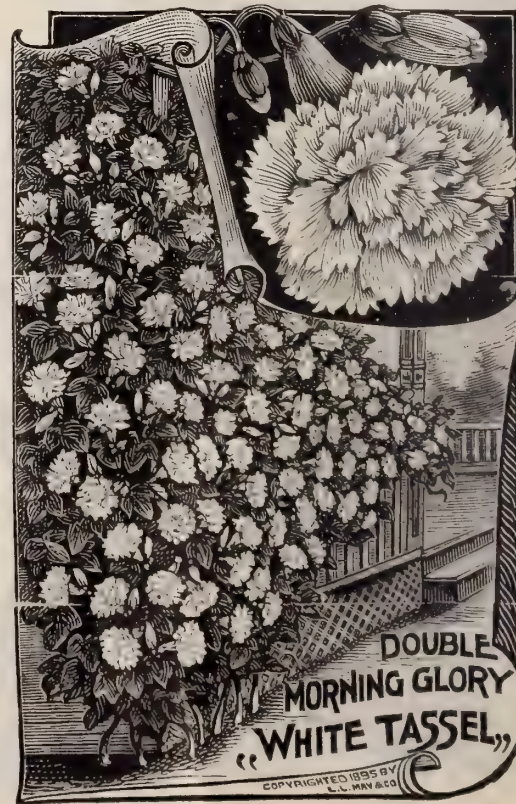
MIXED—All colors. Pkt. 5c, oz. 50c.

Dwarf Varieties.

LEOPOLDI—Carmine with a white eye. Pkt. 10c.

SCARLET—Pkt. 10c. WHITE—Pkt. 10c. MIXED

—All colors. Pkt. 10c.



DOUBLE MORNING GLORY "WHITE TASSEL"



## Peerless Pansies.

**CULTURE**—Pansy seed may be sown in the hotbed or open ground. For early spring flowering it is best to sow the seed in September and winter over the young plants in cold frames. If this is not practicable, sow the seed in boxes in February or March and transplant to open ground as soon as the weather will permit. Seeds sown in a cool place in June or July, and well watered until up, will produce fall flowering plants. Young plants give the largest flowers.

### PEERLESS MIXTURES.

**GEM MIXED**—This grand and beautiful strain is illustrated and described on page 42. Pkt. 25c, 3 Pkts. 50c,  $\frac{1}{2}$  oz. \$1.00.

**COSMOPOLITAN MIXED**—An extended description may be found on page 42. Pkt. 25c,  $\frac{1}{2}$  oz. \$1.00, oz. \$3.00.

**CASSIER'S GIANT MIXED**—Until the introduction of our Gem and Cosmopolitan mixtures these were considered the largest and finest pansies grown. They are of the largest size and are most beautifully blotched and spotted. Pkt. 15c.

**ODIER MIXED**—This is a most beautiful strain of the 5-blotched varieties. The flowers are large, round and most beautifully colored. Pkt. 10c.

**TRIMARDEAU MIXED**—These old, but ever to be admired pansies, are strong robust growers and

prolific bloomers and are well suited to the varying condition of soil and climate found in our country. The blossoms are large and beautifully marked. Pkt. 10c.

**MAY'S ROYAL MIXED**—This mixture contains over 30 of the leading varieties and strains, and will produce a bed of pansies which for size, coloring and freedom of bloom will be the admiration of all who see it. Pkt. 20c.

**STAR MIXED**—This splendid mixture is made up of Golden Queen, Snow Queen, Bronze Queen Faust, Fire King and Emperor William. Pkt. 15c.

**COMMON MIXED**—Pkt. 5c.

**PANSY PLANTS**—These are grown from the best Gem Mixture. We grow annually over 100,000 plants, with which we supply the most critical trade. Postpaid, 50c per doz.; by express, 40c per doz., or 3 doz. for \$1.00. For plants in bloom.



Black King.

**Black King.** A giant flowering, coal black variety of recent introduction from Germany. The flowers are of firm texture, large size, exquisite shape and velvety appearance. One of the finest we have ever grown for bedding purposes. Pkt. 15c.

**ALPINE BELLE**—Light blue. Pkt. 10c.

**BLUE PRINCE**—A rich purple. Pkt. 10c.

**BRIDESMAID**—Rosy white, beautifully blotched. Pkt. 15c.

**BRONZE QUEEN**—Rich brown. Pkt. 15c.

**BUGNOTS**—Large flowers, broad blotches, with delicate pencilings to the edge of the petals. Pkt. 25c.

**EXCELSIOR**—Blue, with yellow eye. Pkt. 10c.

**EMPEROR FREDERICK**—Purplish red, with golden bronze centre and a broad margin of scarlet and yellow. Pkt. 15c.

**FAUST**—Almost coal black. Pkt. 10c.

**FIRE KING**—Upper petals purplish red, lower, golden yellow. Pkt. 10c.

**FREDERICK THE GREAT**—Yellow, with dark centre. Pkt. 10c.

**GIANT EMPEROR WILLIAM**—A beautiful shade of blue, gradually deepening to purple. Pkt. 10c.

**GIANT PEACOCK**—Peacock blue, edged white. Pkt. 15c.

**GIANT STRIPED**—Very showy. Pkt. 10c.

**GOLD MARGINED**—Bright and showy. Pkt. 10c.

**KING OF YELLOWS**—Pure yellow. Pkt. 10c.

**LORD BEACONSFIELD**—Deep purple violet, shading to light blue. Pkt. 10c.

**MAHOGANY**—Rich and distinct. Pkt. 10c.

**MARGINATA**—Deep blue, bordered creamy white. Pkt. 10c.

**MOURNING BRIDE**—Purple, white edge. Pkt. 10c.

**MAD PERRET**—Beautifully marked blue, red and violet. Pkt. 10c.

**PRESIDENT CARNOT**—Pure white petal, with a deep violet blotch. Pkt. 15c.

**English Show.** This is made up of the famous English varieties introduced a few years since by the royal gardener to Her Majesty Queen Victoria. They are remarkable for their large size, varied colors, and the thick, tough nature of their petals, which enables them to stand all conditions of weather without damage. Pkt. 10c.



English Show.



Snowflake.

**Snowflake.** This pure white, large flowering variety is one of the most distinct in our whole list. The blossoms are of large size, beautiful form, of a pure satiny white, without any trace of coloring. The plants are strong and vigorous, commence to blossom early in the spring, and if not allowed to go to seed, produce very abundantly until late fall. Pkt. 15c.

**Giant Parisian.** There is usually a large "blotch" on each of the five petals, with a surrounding band of some strikingly contrasting color, over all of which is thrown a cobweb-like netting of yet another hue. The prevailing shades are cinnamon, violet, canary and orange yellow, black, garnet, light blue, violet, indigo, cream, etc. This new mammoth strain, when properly cultivated, measures four inches across. Pkt. 20c.

### Fine German Pansies.

For years Germany has been recognized as headquarters for Pansy Seed of the latest and best varieties.

**LADY IN WHITE**—Beautiful white variety of good size and perfect form. Pkt. 10c.

**PRIDE OF BERLIN**—An odd black variety, which is tinged with golden bronze. Pkt. 10c.

**GOLDEN QUEEN**—Flowers are a bright golden yellow and exceedingly large, measuring 2½ inches in diameter. Pkt. 15c.

**GLORIOLE**—A lovely deep blue shading to lavender and edged with light cream. Pkt. 15c.

**GORGEOUS**—Crimson red shading to deep brown. Pkt. 10c.

**GERMAN PRIZE MIXED**—This mixture includes ten of the leading named varieties. The flowers are of large size and freely produced. Pkt. 10c.

Above Six Packages for 50c.

**PRES. FAURE**—Large white, with distinct dark eye. Pkt. 10c.

**PRINCE BISMARCK**—Light brown shade, with dark eye. Pkt. 10c.

**PURPLE KING**—Clear purple, delicately margined golden yellow. Pkt. 15c.

**REX**—Blackish purple violet. Pkt. 10c.

**SNOW QUEEN**—Pure white. Pkt. 10c.

**SUNBEAM**—Rose, shaded pink. Pkt. 10c.

**VICTORIA**—Rich, velvety claret red. Pkt. 10c.

**MASTERPEICE**—The border of each petal is curled and waved, giving the flower a doubled or globular appearance. Pkt. 20c.

**Paris Prize Pansies.** This is a charming collection of varieties which we have procured direct from the leading seed growers in France. They are not only noted for their size and beautiful coloring, but also for the freedom with which their flowers are produced. They begin to bloom very early and produce an almost endless array of flowers of all colors until cut down by the severe frosts.

**MARSEILLES GEM**—Tinted a most delicate shade of light blue. Pkt. 10c.

**NAPOLEON III.**—Deep, bronzy red. Pkt. 10c.

**ROYAL PURPLE**—Almost a black, so deep is the coloring of this beauty. Pkt. 10c.

**MARIA THERESA**—Shaded rose and pink, a distinct and handsome sort. Pkt. 10c.

**GLOIRE DE LYON**—Curiously marked and striped. Pkt. 10c.

**GIANT FRENCH MIXED**—A grand assortment of the finest French varieties, including all the shades known to that class. Pkt. 10c.

**NOTE**—For 50c we will send one Packet each of the above 6 Rare Pansies.



Giant Parisian.





Double Fringed Large Flowering Petunia.

### Improved California Giant.

These are the handsomest Petunias in the world. They are giants in size, of the most rich and varied colors imaginable, and are most exquisitely ruffled and fringed. Colors range from yellow through the various shades of rose, red, scarlet, purple and to the darkest crimson. Pkt. 25c.

### ICELAND POPPIES.

Perennial.

These are perfectly hardy, grow about 12 inches high, bearing yellow, white and orange colored blossoms. Single Mixed, Pkt. 10c. Double Mixed, Pkt. 10c.

### HYBRID ORIENTAL POPPIES.

Perennial.

Exceedingly showy and perfectly hardy. Flowers are produced on long stems, are 6 inches or over in diameter, in many novel colors such as salmon, pink, cherry, crimson, etc. Pkt. 15c.



Improved California Giant Petunia.

### BEST NAMED SORTS.

CRIMSON QUEEN—Double crimson. Pkt. 10c.  
DANERBOG—Brilliant scarlet. Pkt. 5c.  
MEPHISTO—Scarlet, spotted purple. Pkt. 10c.  
MIKADO—Pure white, with scarlet edges. Pkt. 10c.  
PEACOCK—Intense scarlet with zones of purplish black. Pkt. 10c.  
SNOWDRIFT—Double pure white. Pkt. 10c.  
SCARLET TULIP—Pkt. 10c. TREE POPPY—Pkt. 10c.  
UMBROSUM—Rich vermillion, with a black spot on each petal. Pkt. 5c.  
IMPERIAL MIXED—Made from best named sorts. Pkt. 10c.  
COMMON MIXED—All colors. Pkt. 5c, oz. 10c.

### CALIFORNIA POPPIES (Eschscholtzia)

AURANTICA—Rich orange. Pkt. 5c.  
SNOW CAPPED—Large white. Pkt. 10c.  
GOLDEN CROSS—Color light canary yellow with an orange blotch at the base of each petal, forming a maltese cross in centre. Pkt. 10c.  
MIXED—All colors. Pkt. 5c.

### SCABIOSA. (Mourning Bride). Annual.

Dwarf Mixed, Tall Mixed—Pkt. 5c, oz. 10c.  
SCHIZANTHUS—(Butterfly Flower.) Annual. Pkt. 5c, oz. 15c.  
SILENE—(Catchfly.) Annual. Pkt. 5c, oz. 10c.  
SMILAX—Annual. Pkt. 5c.



Poppy, Lavender Gem.

**Poppy Lavender Gem** This enchanting variety is extra large, very double, of a clear lavender color, making it most distinct and beautiful. This and Fairy Blush are good companion varieties, the colors contrasting most beautifully. Pkt. 10c.

**Dwarf Ten Weeks Stocks** White Vienna—A charming dwarf white variety which blossoms very early and is of the most compact habit. This we believe is far superior to the well-known "Snowflake," as the flowers are much more freely produced and the heads are of the most perfect formation. This is especially fine for florists use or where cut flowers are wanted early. Pkt. 10c.

STOCKS—Dwarf German. Ten Weeks. Yellow, white, crimson, blue, rose, double mixed. Each Pkt. 5c. Collection 6 pkts. for 25c.

CHOICE POT GROWN SEED—For florists and others who desire an extra fine strain. In White, Blue and Rose. Pkt. each, 15c, 4 Pkts. 50c.

### PETUNIAS.—Annual.

### Double Fringed Large Flowering.

Their large size, exquisite markings and most beautiful fringing render them very conspicuous at all times, and our customers would be well repaid for sowing the seed if they secured a half dozen good plants from a packet. Pkt. 35c.

SINGLE FRINGED LARGE FLOWERING—The colorings and markings are most exquisite. Pkt. 35c.

SINGLE MIXED—A good strain. Pkt. 5c, oz. 30c  
LARGE FLOWERING SINGLE MIXED—A fine assortment of colors. Pkt. 10c.

GERMAN SHOW MIXED—Exquisite colors. Pkt. 15c. DOUBLE MIXED—Pkt. 10c.

### NAMED VARIETIES.

COUNTLESS OF ELSEMERE—Pkt. 10c.

GEN. DODDS—Deep velvety red. Pkt. 10c.

GIANTS OF CALIFORNIA—Flowers 4 inches or more in diameter. Pkt. 15c.

INIMITABLE—Striped and blotched. Pkt. 10c.

MOONLIGHT—Large single white. Pkt. 10c.

RED CROSS—Most beautiful striped. Pkt. 10c.

ROSE QUEEN—Rosy pink. Pkt. 10c.

**Dwarf Shirley Poppies.** Are single and semi-double, ranging in color from pure white through the most delicate shades of pale pink, rose and carmine, to deepest crimson. Many of them are delicately edged and fringed. If cut in the bud state and placed in water they may be kept fresh for a long time. They grow from 15 to 18 inches high and produce a great profusion of bloom for several weeks in mid-summer. Pkt. 10c, ¼ oz. 50c.



Shirley Poppies.

### PORTULACA. (Moss Rose.) Annual.

SINGLE MIXED—Pkt. 5c, oz. 35c. DOUBLE MIXED—All colors. Pkt. 10c.

PYRETHRUM AUREUM. (Golden Feather.) Hardy Perennial.

A handsome, hardy, herbaceous plant with bright, rich, yellow foliage. Pkt. 5c.

RICINUS. (Castor Oil Beans.) Half Hardy Annual.

CAMBODGIENSIS—Dark foliage. Pkt. 5c.

ZANABARIENSIS—Plants attain an immense size. Pkt. 5c.

MIXED—Pkt. 5c, oz. 10c.

### PRIMULA. (Primrose.) Tender Perennial.

SINGLE FRINGED—Blue, White, Crimson, Bright Red, Mixed. Pkt. each, 25c or 3 for 50c. DOUBLE FRINGED—Choice mixed. Pkt. 25c.

SINGLE MIXED—All colors, not fringed. Pkt. 10c.

ACAULIS—The hardy garden primrose. Pkt. 10c.

FORBESII—(Baby Primrose) Blossoms when only a few inches high and flowers continuously throughout the year. Pkt. 15c.

JAPONICA MIXED—Semi-hardy, with bright, showy flowers. Pkt. 10c.

OBCONICA GRANDIFLORA—Pkt. 10c.

### ROSE.

(Dwarf Polyantha or Fairy.) Half Hardy Perennial. Pkt. 15c.

### SALPIGLOSSIS. Annual.

EMPEROR—Pkt. 10c.  
GRANDIFLORA MIXED—Large flowers in great variety of colors. Pkt. 5c.

### SALVIA. (Flowering Sage).

SILVER SPOT—The leaves are of darkest green, profusely spotted with white, bright scarlet blossoms. Pkt. 15c.

BLUE BEARD—Annual. Pkt. 5c, oz. 10c.

SPLENDENS—(Scarlet Sage.) Perennial. Pkt. 10c.

COCCINEA—Scarlet. Pkt. 5c.

**Poppy Fairy Blush** A distinct variety with very large perfectly double flowers measuring from 3 to 5 inches in diameter. The petals are elegantly fringed with pure white except the tips, which are distinctly colored rosy cream, giving the flower the appearance of a large white feathery ball, overcast with a rosy shade. Pkt. 10c.



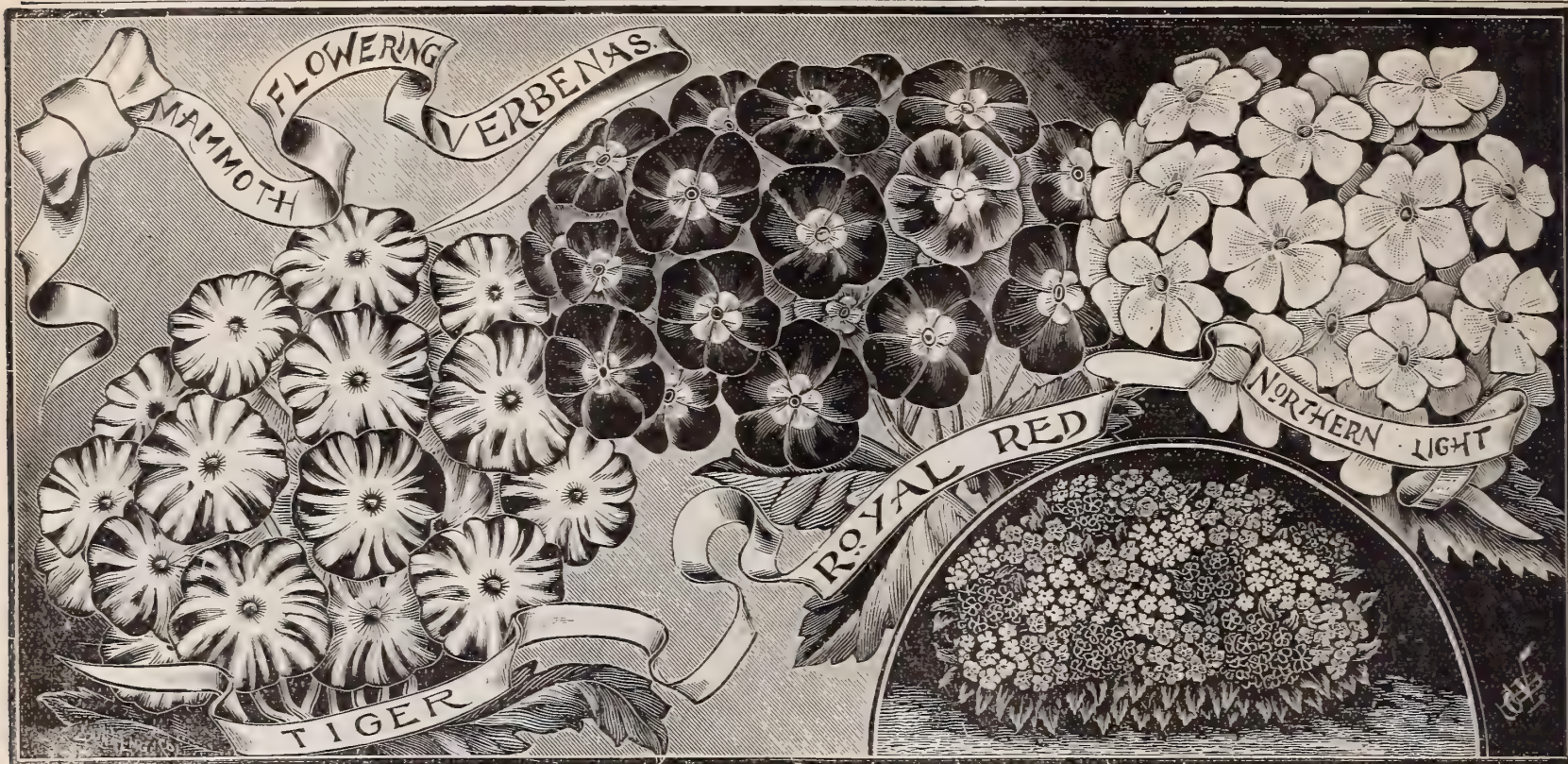
Poppy, Fairy Blush.











### Mammoth Flowering Verbenas.

**TIGER**—This mammoth flowering beauty is one of the most striking and novel varieties ever seen. The flowers are borne very abundantly and are streaked and marked in the most exquisite manner possible. Pkt. 10c.

**ROYAL RED**—A large flowering handsome red. Its mammoth blossoms are very attractive throughout the entire summer. The trusses of bloom are extra large, borne on strong, stiff stalks. A very showy sort. Pkt. 10c.

**NORTHERN LIGHT**—The largest white variety in cultivation. The flowers are produced in huge bunches, resembling miniature snowballs. It begins to blossom early and remains in flower until cut down by frost. Pkt. 10c.

These three Mammoth Verbenas for 25c.

### SUNFLOWER. (Helianthus.) Annual.

**GIANT RUSSIAN**—Flowers of enormous size. Pkt. 5c.

**GLOBOSUS**—Large globular heads of bloom of a rich saffron shade. Pkt. 5c.

**SILVER LEAF**—Silvery foliage; blooms yellow and black. Pkt. 5c.

**STELLA**—Rich golden yellow with black discs. Pkt. 5c.

### SWEET WILLIAM. (Dianthus Barbatus.) Annual.

**SINGLE VARIETIES**—Crimson, scarlet, white, white margined, mixed, all colors. Pkt. Each, 5c. Mixed, oz. 10c.

**DOUBLE VARIETIES**—Crimson, white, mixed. Pkt. 5c.

### ZINNIA.

**GIANT MIXED**—The flowers grown from this mixture are very large, some measuring 5 inches in diameter, perfectly double, and of every conceivable shade of color. Plants grow about 30 inches high, commence to bloom early and continue a mass of loveliness until late fall. Pkt. 10c.

**CURLED AND CRESTED**—Each plant produces from 100 to 200 large double flowers, with petals curiously twisted and curled. Pkt. 10c.

**FIREBRAND**—The brightest scarlet ever seen. Pkt. 10c.

**ZEBRA**—Handsomely striped and marked. Pkt. 10c.

**DWARF VARIETIES**—Double orange, double white, double canary, double mixed. Pkt. each, 5c.

**TALL VARIETIES**—Double white, double rose, double yellow, double crimson. Pkt. each, 5c. Double mixed. Pkt. 5c, oz. 25c.

### VERBENAS.

**ODORATA**—A fragrant German variety. This is one of the most delightfully-scented flowers ever produced, and a branch of cut blooms will perfume an entire room. Pkt. 5c.

**SCARLET QUEEN**—Intense bright scarlet. Pkt. 10c.

**MAYFIELD PRIZE**—The plant is very dwarf, not growing over 6 inches in height and 10 or 12 inches in diameter. The color is crimson with a pure white eye. Pkt. 15c.

**BLUE BOY**—A clear sky blue. Pkt. 10c.

**LAVENDER BEAUTY**—Lavender, pure white eye. Pkt. 10c.

**MRS. CLEVELAND**—Large bunches of deep purplish blue black flowers, each one distinctly marked with a pure white eye. Pkt. 10c.

**MAMMOTH MIXED**—Pkt. 10c.

**CHOICE MIXTURE**—Pkt. 5c.

### VIOLET ODORATA. (Sweet Violet.) Perennial.

Blossoms clear blue and highly perfumed. Pkt. 10c.

### WALL FLOWERS. Annual

**DOUBLE MIXED**—All colors. Pkt. 10c.

**SINGLE MIXED**—Pkt. 10c.

### WILD CUCUMBER. Annual.

For covering porches and trellises. Pkt. 5c, oz. 25c.

### WILD FLOWER GARDEN.

This mixture embraces over 100 sorts of easy growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds. Our packages contain half an ounce of seed. Pkt. 10c.



A Wild Flower Garden for 10 Cents.



Giant Mixed Zinnia.





American Wonder Lemon.

**American Wonder Lemon** Another fine and valuable fruit for house culture. The leaves are of a deep glossy green like the Otaheite Orange, are easily kept clean and bright, rendering the plant neat and attractive at all times. In addition to this, its waxy white, fragrant blossoms, produced in clusters, followed by large, showy fruit, make this plant at all times beautiful as well as useful. The fruit is very large, of fine flavor, and superior to the ordinary lemons of commerce in every particular. You will make no mistake in ordering this most beautiful plant, as it is valuable alike as an ornamental plant or a fruit producing plant. We have grown and sold this valuable plant for several years and have never received a single complaint from a customer who purchased it. It is, beyond doubt, one of the very finest plants for house culture ever introduced. 25c each postpaid.

**Otaheite Orange** One of the grandest pot plants for flowering we have ever seen, and being useful as well as ornamental, should be grown by everyone. It is a very dwarf variety, and blossoms and fruits freely when only 12 or 15 inches high. The delicately scented blossoms are produced in great profusion. The fruit is quite small, being only about one-half the size of the ordinary orange, but is very sweet and delicious. For pot culture it is one of the most novel and interesting plants of late introduction. It blooms freely during the entire season, and one plant will scent a whole room. The stock we offer is strong and thrifty. 25c each.



Otaheite Orange

**Brazilian Melon Fruit** An ornamental fruit-bearing tree that no one should fail to secure. A few years ago we introduced this great plant novelty, and our experience with it and the many testimonials received from our patrons, all praising its wonderful qualities, only confirm our opinion expressed when introducing it, that it is the greatest plant novelty that has ever been offered the American trade. It is a native of Southern Brazil. It is not only an excellent

and valuable ornamental plant, with rich green leaves, that at once give it a foremost place in the list of handsome foliage plants, but it also furnishes us with a most desirable, egg-shaped, yellowish-orange colored fruit, which hangs pendant in clusters, just below the beautiful foliage. This fruit is of the most delightful flavor imaginable, having a slightly sub-acid taste, entirely different from any other fruit we are acquainted with. For eating out of hand, slicing or making into preserves, it is simply delicious, and its lovely appearance in a dish on a table can only be equaled by the finest of tropical fruits. As an ornamental plant it has few equals, its splendid bushy habit, healthy growth and charming foliage giving it the preference over many of the weaker and more delicate plants of the ornamental class. Mrs. T. B. Shepherd, Ventura, California writes: "It is a fine shrub, the foliage is large and handsome and the fruit of a beautiful orange salmon color when ripe, and has a delicious sub-acid taste."

Note—It is desirable only for house culture and the open ground during the summer months, and must be taken into the house at the approach of cold weather. Strong plants 25c each, postpaid.



Piersoni Fern.

**Piersoni Fern** This superb novelty is a sport from the well known Boston Fern and is unquestionably the handsomest decorative variety ever introduced even surpassing the highly prized Maiden Hair. It is of the easiest culture imaginable, attains a great large size in a short time and at all stages of its growth and development is most handsome. The illustration herewith is from the photograph of a single leaf or frond, although this gives no idea of the grace and beauty of the plant. These fronds are minutely subdivided, each separate pinnae forming a perfect miniature frond. When fully developed the leaves are 6 inches broad and are so heavy that they curve gracefully downward, giving the plant a much handsomer appearance than the old Boston Fern. Strong young plants 50c each, postpaid. Larger plants, \$1.00 to \$10.00 each, by express.

### The Hawaiian Treasure Plant. (See Cut.)

This marvel of growth, from the far off Pacific, is one of the most interesting plants we have ever seen, is an annual, growing from 6 to 10 feet in height in a single season from seed, and forming compact, symmetrical heads of foliage of rare grace and beauty. It requires no trimming, naturally forming most beautiful plants, useful alike for ornament and shade. It is most valuable for screening unsightly places as well as for single specimen plants on the lawn. It is also beautiful planted in groups and in rows for an ornamental hedge. Strong, young plants, 10c each, 3 for 25c, 6 for 45c, postpaid.



Hawaiian Treasure Plant.

### Strawberry Guava

Another luscious tropical fruit and charming house plant rivaling the famous Otaheite Orange in beauty. It is a nice, clean grower, with thick glossy green leaves, and like the orange, it bears both flowers and fruit at the same time. The flowers are pure white and delightfully fragrant. The fruit is large, nearly the size of a walnut, and of a beautiful reddish color; the flavor is delicious, sweet and spicy, and yet rich and delicate. It is very rare and interesting. The plant begins to bloom and bear fruit while quite small. The plants are easily grown and will thrive with the same treatment given the Otaheite Orange. With the Melon Fruit, lemon and orange herewith offered, it forms a set of most interesting and valuable fruit and ornamental plants. 25c each, postpaid.

delicate. It is very rare and interesting. The plant begins to bloom and bear fruit while quite small. The plants are easily grown and will thrive with the same treatment given the Otaheite Orange. With the Melon Fruit, lemon and orange herewith offered, it forms a set of most interesting and valuable fruit and ornamental plants. 25c each, postpaid.

**Special Offer.** One each of the 6 novelties offered on this page for \$1.25, postpaid.



Brazilian Melon Fruit.



Strawberry Guava.





Night Blooming Jessamine.

### The Delightful Night Blooming Jessamine

This beautiful plant is of easy cultivation, with small white blossoms which are delightfully fragrant at night. It commences to blossom when only a few inches high and blooms through summer's heat and winter's cold. A clean, healthy grower at all times. Strong plants, 25c each.

**Begonia, Gloire de Lorraine** This is the most prolific blooming Begonia we have ever grown as well as the most beautiful. It grows from 12 to 15 inches high, forming naturally graceful compact bushy plants which are completely smothered in bloom from October to April. The blossoms are bright rosy pink produced in large panicles and drooping gracefully on short stems while the clean green foliage forms a nice setting for their wondrous beauty. 25c each, \$2.50 per doz.

**Porto Rico Coleus** This highly ornamental plant comes from the mountainous district of Porto Rico. The leaves are beautifully variegated with a deep metallic purple shaded with bright rose and margined light green. It is particularly fine for beds and borders and is entirely distinct from any other bedding plant. It produces small spikes of bloom, but its chief value lies in its decorative qualities. Grown as a pot plant in the house it is very bright and effective and at all times presents a very pleasing appearance. 10c each, \$1.00 per doz.

### Asparagus Plumosus Nanus, or Climbing Lace Fern.

A most beautiful ornamental plant for house culture. The leaves are a very deep green color of fine lace-like texture, which remain green and fresh a long time after being cut. It is of climbing habit and can be easily trained to any desired shape or form of trellis. The plants which we offer have been grown cool, thus providing them with an abundance of tuberous roots, which will throw up strong, feathered foliage of the most beautiful character. Strong plants, 25c each. Large plants, by express, 50c and \$1.00 each.



Linum Trigynum.

### Peerless Plant Collections

All orders for these collections will be acknowledged and entered on our books as fast as received, but we cannot ship out any before May 1st. We will begin shipping at that time and fill all orders in rotation, sending them out as rapidly as possible. We cannot make any changes in these collections and cannot ship them out any earlier than stated. Requests for changes cannot be granted.

No. 1—8 Flowering Begonias, choice named sorts, for 50c postpaid. This collection comprises the best named sorts and is offered extremely low.

No. 2—6 Elegant Carnations for 50c postpaid. Owing to a very large stock of these lovely gems we are enabled to offer them cheap. We give you fine, named varieties of our selection.

No. 3—8 Showy Chrysanthemums for 50c postpaid. We are the largest Chrysanthemum growers in the country and will select good, fancy show varieties for this collection.

No. 4—4 Elegant Ferns, for house culture, for 50c postpaid. Owing to extreme good success in propagating, we have a surplus stock of these. They are perfect little beauties, well adapted for growing in the house.

No. 5—8 Nice Geraniums for 50c postpaid. In this collection we give you some of the fancy varieties of recent introduction that have sold for 25c each. Our stock is extra nice and we will give our customers the benefit as long as it lasts.

No. 6—9 Everblooming Rose Plants for 50c postpaid. This is better than giving them away for customers will appreciate and take care of them and we will pretty near get cost price out of them.

No. 7—25 Assorted Bedding Plants for \$1.00 by express. Each year we have surpluses in some varieties which we have to sell at wholesale or not at all. This year our retail customers will receive the benefit. They will be packed in neat baskets and will be easily worth twice what we ask for them.

No. 8—50 Choice Blooming Bulbs for \$1.00. This will include Gladiolus, Tuberoses, Cannas, Dahlias and other select varieties.

No. 9—Elite collection:—1 Abutilon, 2 Begonias, 2 Chrysanthemums, 1 Clerodendron, 2 Coleus, 1 Fern, 1 Hibiscus, 1 Linum, 2 Mexican Primrose, 1 Petunia, 2 Plume Plant—16 Plants for \$1.00, postpaid.

No. 10—50 Choice Pansy Plants grown from our Gem Mixture for \$1.00 by express.



Perpetual Primrose.

### The Perpetual Blooming Primrose

This rare novelty of the Primrose family forms one of the handsomest flowering plants we have ever grown. It commences to bloom when quite small and remains in bloom the greater part of the year. While the flowers are not large they are produced in such grand profusion that all other sorts are dwarfed in comparison. The blossoms are of a very pleasing, soft lilac shade and remain on the plant a long time before dropping. As a pot plant for house culture this has but few equals. The foliage is a beautiful shade of green and is at all times bright and healthy. Insects do not attack the plant and the bright flowers in their setting of green form a most charming combination rarely seen in any flower. It succeeds everywhere and can easily be grown by any one. 15c each. Strong plants, 25c to 50c each.

### Minneapolis Vine

This is one of the most rapid growing climbing vines we have ever grown. It is particularly adapted for covering porches, trellises, screens, etc., a single plant often covering 50 to 75 square feet in a single season. The leaves are small, slightly rough on the upper surface and a bright green color. It produces an abundance of small, star shaped blossoms the entire season. We have known this wonderful plant to grow shoots 3 to 5 feet long in a single day. 10c each, 3 for 25c, postpaid.

### Linum Trigynum.

**Yellow Flax.** These are beautiful plants of easy culture which produce a great abundance of flowers continuously throughout the season. The blossoms are single, large, round, of a deep orange color, quite unlike that of any other flower. 15c each.

**Malabar Vine** A very interesting climbing or trailing plant. The leaves are light creamy white, striped and marked with gray and green. It grows rapidly and forms a very pretty plant in a short time. The flowers are a very delicate shade of pink. 20c each.

### Mahernia Odorata.

**Golden Honey Bell.** One of the most beautiful free flowering house plants that can be grown. They begin to bloom very early in the spring, and the bright, showy, yellow, bell shaped flowers are borne in wonderful profusion for a number of months. The fragrance of the flowers is very delicate, and a well grown plant will fill a room with its delightful perfume. 15c each.



Asparagus Plumosus.





**All Plant Orders** Will be mailed as soon as possible after receiving them, weather permitting. With our cold winters, however, it is oftentimes unsafe to ship any plants before March 1st. Not only will the plants arrive in better condition if shipped at that time but they will be much larger and stronger than if shipped earlier, so that customers will lose nothing by waiting. If, however, our customers desire their plants immediately we will comply with their wishes in the matter as soon as we think it safe after receiving their orders. All plant and bulb orders are filled from our greenhouses and will be mailed in separate packages from there and not with the seeds.

**PLANTS BY EXPRESS**—While plants can be safely sent by mail and our guarantee accompanies all such shipments, we would advise all customers ordering plants to have them sent by express. The cost is a trifle more,

but our patrons are amply repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges.

**Free** With all orders for plants we send our booklet—*The A B C's of Successful Floriculture*, containing many valuable hints on the care and culture of house plants.

**EXTRA PLANTS**—While we do not offer discounts on plant orders we will give extra plants free of charge on all orders whether sent by mail or express. The prices named by us are as low as good plants can be sold at. Our stock is well-grown, carefully packed, and guaranteed to reach destination in good condition. We prefer to send out stock that will give satisfaction rather than offer big discounts and send out puny plants that will never be thrifty.

**Important** Plants sent by mail have but little soil left on the roots and should receive careful attention on their arrival. If they appear wilted, place them in luke warm water for fifteen or twenty minutes. This will greatly revive them. They are guaranteed to reach our customers in the United States in a perfectly healthy, living condition. If they do not, and we are notified immediately on their arrival, we will replace free of charge any that do not show signs of life on arrival. After arrival at destination in good condition our responsibility ceases. All plants will be sent by mail, postpaid, unless otherwise noted in our catalogue or customer instructs otherwise. If sent by express the customer will pay express charges. Please note that we guarantee the safe arrival of all plants sent by mail to any point in the United States, provided the above conditions are complied with by the customer.

#### ABUTILONS.

(Flowering Maple.)

They succeed best in a soil composed of equal parts of turfy loam, peat leaf mould and some gritty sand, and require an abundance of water. 15c each, unless otherwise noted.

**INFANT EULALIE**—Clear satiny pink.

**GOLDEN BELLS**—Rich, golden yellow.

**SAVITZII**—Large deep green foliage, with a broad white margin.

**Souv de Bonn** The most attractive of all the Abutilons, having dense, green, maple-shaped leaves, distinctly bordered creamy white. The flowers are bright orange veined with crimson.

**SPLENDENS**—A beautiful deep red variety.

**THOMPSONI PLENA**—Double orange colored blossoms.

**Asparagus Sprengeri** A very handsome trailing plant of recent introduction. Of very free and vigorous growth, producing sprays of beautiful green feathery-like foliage 4 to 5 feet long. These remain green a long time after being cut, and are very useful for bouquets, wreaths and sprays. It is admirably adapted for hanging baskets in the house, as it thrives in a dry atmos-



Albizzia Julibrissin.

phere in almost any position. It grows freely the entire year, and produces small, white, star-shaped flowers which are soon followed by bright red berries. 25c each. Stronger plants, by express 50c, 75c and \$1.00 each



Abutilon Souvenir de Bonn.

#### ALBIZZIA.

A beautiful plant from Persia, which produces clusters of rose colored, tassel-like blossoms, borne on long stems well above the foliage. It is well adapted for bedding purposes and is always fine for house culture. Its foliage is different than any other plant we know of, being clean, bright and handsome at all times, while its beautiful round blossoms are produced very freely for weeks at a time. 15c each.

**Bedding Plants** Many of our customers desire large plants in bud or bloom, for immediate effect in May or June. We can supply nearly all varieties named in our list in large plants, and will cheerfully quote prices on them on application. For those who do not have the time to write we quote the following list of well established sorts for outside planting. All blooming varieties will be in bud or blossom when we ship, and will be sent by express at purchaser's expense.

It must be distinctly understood, however, that we will ship our selection of varieties, although we will conform to customer's wishes as far as possible in making the selection.

Prices quoted are for plants to go by express at purchaser's expense. Our selection of varieties. 6 at dozen rates, 50 at 100 rates.

	Per Doz.	Per 100
AGERATUM—Blue.	\$1.00	\$6.00
ALTERNANTHERA—Red or yellow.	.75	4.00
ALYSSUM—White.	.75	4.00
ASTERS—Transplants.	.50	4.00
ASTERS—Seedlings.	.25	2.00
BEGONIA—Vernon.	1.00	6.00
CANNAS—12 to 15 inches high.	2.00	15.00
COLEUS—All varieties.	.75	5.00
DUSTY MILLER.	.75	5.00
GERANIUM—From 3½-in. pots.	1.50	12.00
GERANIUM—From 4-in. pots.	2.00	15.00
GERANIUM—Silver leaf, from 3-in. pots.	1.00	6.00
LOBELIA—Blue trailing.	.50	3.00
PANSIES.	.40	3.00
PETUNIAS—Single.	1.00	6.00
PETUNIAS—Double.	2.00	12.00
ROSES—From 2-in. pots.	1.00	6.00
ROSES—From 4-in. pots.	2.50	18.00
VERBENAS—Assorted colors.	.75	5.00



Asparagus Sprengeri.





Begonia Metallica.

**CALADIUM ESCULENTUM.**

**ELEPHANT'S EAR**—A well known tropical plant bearing immense leaves of thick leathery substance. Good sized bulbs 15c, Large bulbs 25c, Mammoth 35c.

**CAPE FUSCHIA.**

A valuable pot plant which blooms almost incessantly during the summer months, and will stand more hardships and produce more flowers than the common Geranium. The flowers are a bright scarlet and very showy 20c each.

**CISSUS DISCOLOR.**

**CHAMELEON VINE**—A beautiful and luxuriant climber, with sharp pointed, heart shaped leaves, the upper surface of a dark, velvety green, with broad markings of white following the veins, the under surface of a deep reddish purple. 20c each.

**CORONILLA GLAUCA.**

A thrifty, rapid growing, bushy little plant bearing an abundance of fragrant, pea shaped, yellow flowers. 15c each.

**ACALYPHA TRIUMPHANS.**

A beautiful foliage plant with large, showy foliage. The predominant color is red, marbled lighter and darker, streaked and dashed green, yellow, white and other colors. 15c each.

**ACHYRANTHUS.**

Dwarf growing foliage plant. Color a deep blood red 10c each

**AGERATUM.**

**STELLA GURNEY**—Of dwarf, compact, even habit of growth, flowering very profusely, forming round bushy heads of fine deep blue, a shade not approached in any other bedding plant. 15c each

**ALTERNANTHERA.**

Dwarf growing foliage plants, for carpet bedding or lettering on the lawn. 10c each.

**AUREA**—Bright yellow. **PARYNCHOIDES**—Orange red, shaded olive green,

**ASTERS.**

Grown from the best selected seed. Colors white, pink blue and red. Strong Seedlings. Ready May 1st, 50c per doz. Pot plants, ready June 1st 10c each, \$1.00 per doz.



Cuphea Eminens.

**FLOWERING BEGONIAS.**

They may be cultivated successfully most anywhere, are ornamental on account of their clean shining foliage and their bright waxy flowers. 10c. each, unless otherwise noted.

**ALBA PICTA**—Large glossy, green leaves, thickly spotted with silvery white; blossoms pure white.

**APPLE BLOSSOM**—A dwarf growing, free flowering variety, with beautiful pinkish white blossoms.

**DIADEMA**—A variety with large, deeply cut foliage, rich olive green with silvery dots and veins.

**GLORIE DE SCEAUX**—Large lustrous dark green leaves tinged red; flowers bright pink. 15c each.

**INCARNATA**—Dark green leaves spotted white. Flowers bright showy pink, borne on long stems.

**MARGUERITE**—Bronzy green leaves. Blossoms rose colored, freely produced the entire year.

**M. DE LESSEPS**—Leaves green, richly spotted with silver. Flowers white and rosy pink.

**Metallica.** A most charming variety in every particular and the very best we have ever grown. It is a strong, rampant grower and a wonderfully free bloomer. The leaves are triangular shaped, the under side hairy, the upper surface of a lustrous metallic or bronze color, veined darker. The flowers are nearly pure white. 15c each.

**OTTO HACKER**—Large, shining, deep green leaves 8 to 10 inches long. Flowers bright coral red.

**PAUL BRUANT**—Leaves of deep olive green. Flowers delicate rose, changing to white.



Chinese Paper Plant.

**PRES. CARNOT**—Foliage similar to Rubra, but twice as large. Flowers coral red.

**RUBRA**—A rapid and vigorous grower, with deep green leaves; coral red blossoms.

**THURSTONI**—Pink flowers and metallic foliage.

**VERNON**—A dwarf variety, especially valuable for bedding. The foliage is a rich, glossy green edged with red. The flowers when first opened are a deep red, which change to a clear rose color when fully expanded. 10c each, \$1.00 per doz., \$6.00 per 100, by express.

**Rex Begonia.** These are valuable for pot culture in the house, the grand and varied markings of the leaves rendering them very beautiful and showy. 20c each.

**Chinese Paper Plant.** As a pot plant it is magnificent, a strong, vigorous grower, with splendid, Camelia-like foliage, deep shining green. Plants commence to bloom in small pots and continue throughout the year. As the plant grows older it is literally covered with an amazing number of blossoms of a dazzling rosy crimson, with deep golden yellow anthers. Planted in pots and trained over a trellis, a large plant of this superb novelty presents one of the most beautiful sights imaginable. 25c each.



Begonia, Rex.

**Browallia Jamesoni.**

Flowers coral red.

**RUBRA**—A rapid and vigorous grower, with deep green leaves; coral red blossoms.

**THURSTONI**—Pink flowers and metallic foliage.

**VERNON**—A dwarf variety, especially valuable for bedding. The foliage is a rich, glossy green edged with red. The flowers when first opened are a deep red, which change to a clear rose color when fully expanded. 10c each, \$1.00 per doz., \$6.00 per 100, by express.

**Browallia Jamesoni.**

**ORANGE VIOLET**—An old but neglected plant, forming compact bushy heads, which, when the plants are in bloom are covered with large violet shaped flowers of a bright orange color, giving it a rich golden appearance. 15c each.

**Brugmansia.**

One of the most beautiful plants of recent introduction. The flowers are drooping, bell shaped, of immense size, many of them being a foot and over in length and 8 to 10 inches in diameter. The color is creamy white, and it is very fragrant. A robust grower and a very free bloomer, it being no uncommon sight to see 20 to 30 of these immense blooms open at the same time. The bush attains a height of from 3 to 5 feet, can be grown outside in summer or indoors in winter. As it is quite tender, care must be taken to remove it indoors as soon as frost appears. 20c each.



Brugmansia.

**Cuphea Eminens.** **CIGAR PLANT**—A charming plant which grows rapidly to a height of fifteen or eighteen inches bearing a mass of scarlet flowers tipped with gold and green. Valuable for pot or open garden culture and especially desirable on account of its healthy habit. 15c each

**CLERODENDRON BALFOURI.**

These flowers are produced in great abundance, and as shown in the illustration, are of a drooping habit, slightly resembling the blossoms of a Fuchsia. Color, white and scarlet. 15c each.

**"Bountiful Collection of Bedding Plants."**

Designed for small lawns and flower gardens. We make this special low offer to induce our customers to plant more freely and become acquainted with some of the newer bedding plants

6 BEGONIA VERNON. 12 ASTERS.  
1 CALADIUM ESCULENTUM. 2 CUPHEA Cigar Plant.  
4 ACALYPHA TRIUMPHANS. 6 ALTERNANTHERAS.  
4 AGERATUM. 2 CHENILLE PLANTS.

37 Choice Plants for \$2.50, postpaid, or \$2.00 by express at your expense.



CALLAS.--Strong Bulbs.

**LITTLE GEM**—A dwarf growing variety, similar to the old common white sort, except in size. 15c each.  
**SPOTTED LEAF**—Dark green leaves, beautifully spotted with white. The flowers are white with a purple throat. 25c each.  
**BLACK CALLA**—A remarkable variety producing velvety black blooms, with coal black spathe. 30c each.  
**WHITE CALLA**—The old, well known variety 20c each  
 The above set of 4 Calla Bulbs for 75c, postpaid.

CANNAS.

From a list of over 100 varieties grown at our nurseries we have selected the following as the best in their respective colors. We can supply any of the standard varieties, but would especially recommend those listed here. 15c each. \$1.50 per doz., postpaid. \$8.00 per 100 by express, unless otherwise noted.  
**EXTRA STRONG PLANTS**—We can supply strong pot grown plants 12 to 15 inches high, for shipment May 15th, customers' choice of colors, but our selection of varieties. These are fine for immediate effect on the lawn, as many of them will be ready to flower or in blossom when shipped, \$2.00 per doz. or \$15.00 per 100 by express at purchaser's expense.  
**ADMIRAL DEWEY**—Rich crimson. Height, 4 feet.  
**ALSACE**—Delicate sulphur yellow, changing to creamy white.  
**ALPHONSE BOUVIER**—Crimson.  
**AUSTRIA**—A giant flowered variety, with glorious golden, lily like blooms. 20c each.



CANNA GLORIOSA

CARNATIONS.

Our list of these beautiful plants will be found up to date, none but choice varieties of recent introduction being offered. Unless otherwise noted, 15c each, \$1.50 per doz. We can supply strong, field grown plants in September at 30c each, postpaid; or \$2.50 per doz. by express.  
**ARMAZINDY**—Pure white, lightly penciled scarlet.  
**G. H. CRANE**—Rich, clear, brilliant crimson, finely fringed and highly perfumed.  
**ENCHANTRESS**—The largest bloom we have ever seen, measuring 4 to 5 inches in diameter, the stems being 24 to 36 inches in length. The color is soft pink not unlike the old Daybreak. 25c each.



CALLA, LITTLE GEM.

**Flamingo** A new scarlet of unsurpassed beauty and productivity. The blooms are of the largest size, full rounded form, rich scarlet; borne on strong, stiff stems and blooming throughout the entire season. Unlike other sorts, it is not subject to "cropping" but bears a continuous supply of large fragrant flowers throughout the season. 25c each.  
**GENERAL MACEO**—Deep brilliant scarlet overlaid with maroon.  
**MORNING GLORY**—A delicate, bright flesh pink. An improved Daybreak.  
**GOV. WOLCOTT**—A very large bloom of purest white, borne on strong, stiff stems.  
**MRS. LAWSON**—The largest flowering dark pink variety. Color a deep rich cerise pink.  
**MRS. BRADT**—Very large blooms, clear white, heavily splashed and streaked with red.  
**WHITE CLOUD**—Extra large blooms. Pure white, fragrant and lasting.  
**PROSPERITY**—A pure white ground overlaid with shadings of soft pink, 20c each.  
**NORWAY**—White, sometimes slightly streaked pink. Blooms 2½ to 3 inches in diameter.



Flamingo Carnation.



BLACK CALLA

**BEAUTY OF POITEVINE**—Bright, rich crimson. Height, 3½ feet.  
**BLACK BEAUTY**—A most beautiful foliage kind. It is a strong grower and the leaves are a deep, bronzy wine red, almost black. Height, 5 to 6 feet. 20c each.  
**BURBANK**—Extra large, pure canary yellow. Height, 5 feet.  
**FLORENCE VAUGHAN**—Blooms large, yellow, heavily splashed red. Height, 4 to 5 feet.  
**Gloriosa** A very fine dwarf growing, large flowering variety. The petals are a rich glowing scarlet crimson, distinctly marked with a broad band of golden yellow around the outer edges. It is particularly adapted to plant as a border around the beds of taller sorts, as well as for pot culture. Height, 18 to 24 inches. 20c each.  
**ITALIA**—Rich, golden yellow with patches of brilliant reddish crimson 20c each.  
**MAD CROZY**—A dazzling crimson scarlet, bordered with golden yellow. Height, 3½ feet.  
**MARTHA WASHINGTON**—A deep bright pink; large perfect bloom. Height, 3 feet. 20c each.

**MRS. KATE GRAY**—Immense flowers 5 to 6 inches in diameter. Color rich orange scarlet, finely streaked and flaked with golden yellow tints. A most superb variety, new and distinct. Height, 6 to 7 feet, with massive foliage. 25c each.  
**PAUL MARQUANT**—A peculiar shade of salmon; very distinct.  
**PREMIER**—Brilliant crimson red, bordered with yellow.  
**PRES. MCKINLEY**—Brilliant crimson with scarlet shading. Height, 2½ to 3 feet  
**ROBUSTA**—Beautiful bronzy foliage. A very tall grower. Height, 7 to 8 feet.

**QUEEN CHARLOTTE**—Orange scarlet, edged canary.  
**SHENANDOAH**—Large bronze leaves. Large spikes of deep rosy pink flowers  
**SOUV. DE ANTOINE CROZY**—Brilliant crimson scarlet, bordered golden yellow.  
**PRES. CARNOT**—Foliage dark chocolate maroon. Blossoms bright scarlet, 4 to 5 ft.  
**PRES. CLEVELAND**—Distinct orange and scarlet. Very showy.  
**CHAS. HENDERSON**—Bright crimson, with pencilings of golden yellow at centre.



Caryopteris.



Chenille Plant.

**Chenille Plant** The plant is of branching habit, healthy foliage and the flowers are most remarkable. The flower spikes which appear in pairs from the axils of the leaves, grow from two to three feet in length. They are of bright crimson color, drooping and mixing among the green foliage with charming effect. For bright and curious effect it has no equal. It grows as easily as a coleus, and blooms continuously throughout the year. 25c each.

**Caryopteris Mastacanthus** (Blue Spirea.)  
 A beautiful hardy perennial, which is equally well adapted to growing in the open ground or as a pot plant in the house. It is of Chinese origin and makes a clean healthy, vigorous growth, producing its charming plume like bluish lavender blossoms from early summer until late fall. It is seldom or never attacked by insects and is of such easy culture that every one who loves flowers to lighten up the home should have one. 15c each.

Special Offer.

One of each of the 6 grand plants and bulbs, illustrated on this page, for \$1.00 postpaid.  
 Don't fail to turn to our Plant Specialties on Page 54.





Chrysanthemum, Major Bonaffon.

**Dahlias** There is no class of flowers more beautiful than these. They are of easy culture, give an abundance of bloom at small expense and increase in numbers very rapidly from year to year. The tubers should be taken up each fall and stored in a dry cellar until spring, when they may be divided and replanted. Prices, unless otherwise noted, 15c each, or \$1.50 per doz.

**A. D. LIVONI**—Rich pink, finely formed.  
**ALEWINE**—A delicate pink, tipped purple.  
**ALICE EMILY**—Buff yellow, perfect form.  
**ARABELLA**—Pale lemon, shading to primrose.  
**ARRAN DE POGUE**—Maroon, tipped white.  
**CAPSTAN**—Soft brick red, shaded apricot.  
**DR. J. P. KIRTLAND**—Dark, velvety crimson.  
**ERNEST GLASSE**—Rich purplish magenta.  
**EARL OF PEMBROKE**—Bright plum color.  
**GRAND DUKE ALEXIS**—White, tinted lilac.  
**HIMMLISCHE**—Light purple lavender.  
**JOHN ROACH**—Pure yellow. Cactus variety.  
**LITTLE JENNY**—Pompon. Rich crimson maroon.  
**MARY D. HALLECK**—Canary yellow.  
**MISS RUTH**—Pale pink, shading to white.  
**MRS. BARNES**—Cactus. A beautiful primrose.  
**MRS. BENNET**—Soft crimson. Cactus sort.  
**PERLE DE LA TETE DE OR**—Pure white with an occasional lavender tint.  
**PLUTON**—Pure yellow; choice.  
**PRINCE OF ORANGE**—Cactus. In color a blending of apricot, orange and bronze.  
**SUNBEAM**—A new crimson pompon.  
**SNOW CLAD**—A fine white pompon.  
**VIRGINALE**—White pompon.  
**WHITE SWAN**—A well-formed, pearly white sort.  
**W. E. GRATSCHOFF**—Buff, suffused with red, spotted and striped crimson.  
**ZOAR**—Pompon. Yellow, edged salmon and pink.  
**MIXED VARIETIES**—10c each, \$1.00 per doz.

**FUCHSIAS.**

They thrive best in a mixture of leaf mold and sand; should be kept in a shady, moist situation, and require plenty of water, especially when in blossom. 10c each, unless otherwise noted.

**EARL HOLT**—Single, striped red and white.  
**HELENE**—(Tree Fuchsia.) Large, semi-double, orange scarlet blossoms. 15c each.  
**LORD BYRON**—Large, single purple blossoms.  
**MRS. E. G. HILL**—Large double blossoms; corolla pure white sepals dark red.



Japanese Cedar.

**MRS. MARSHALL**—Semi-double; corolla carmine, sepals white.  
**PRINCE NAPOLEON**—Double purple blossoms.  
**TRAILING QUEEN**—A choice variety of trailing or drooping habit.

**Japanese Cedar** This is one of the most beautiful ornamental plants of recent introduction. It is of most easy culture and rapid growth, and succeeds in almost any situation. It is a tender evergreen, attaining a height of several feet in a few years. 25c each.

**Hibiscus, Peachblow** The flowers are large, perfectly double, of a rich shade of clear pink with a small deep crimson centre. A continuous bloomer. It is a rapid, vigorous grower, commencing to bloom when quite small and producing finely formed blossoms 4 to 5 inches in diameter continuously throughout the year. 25c each.

**Genista Canariensis** A beautiful yellow flowering plant that flowers so freely as to literally cover the plant with its rich golden yellow blooms when well grown. 15c each.

**PLANTS BY EXPRESS**—While plants can be safely sent by mail and our guarantee accompanies all such shipments, we would advise all customers ordering plants to have them sent by express. The cost is a trifle more, but our patrons are amply repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges.

**CHRYSANTHEMUMS.**

Prices, unless otherwise noted, 10c each, \$1.00 per doz. Special quotations made on large lots to parties desirous of growing them for flower shows. Small plants cannot be supplied after August 1st. We can supply large plants of the leading sorts for fall blooming after September 1st at 50c to \$1.00 each by express.

**SIX BEST EARLY FLOWERING SORTS.**

They are the cream of the early and are selected from a list of nearly one hundred varieties.

**MRS. F. BERGMAN**—Early, large creamy white. A delightful sort, sure to please.  
**LADY FITZWYGRAM**—The earliest white variety in cultivation. Good size, creamy white bloom.  
**MRS. J. G. WHILDIN**—One of the best yellows in cultivation. Early and a robust grower.  
**YELLOW QUEEN**—Pure golden yellow.  
**MRS. HENRY ROBINSON**—An extra large, pure white variety.  
**ADELE**—A pleasing shade of light pink. Large, full blooms, of great lasting qualities.

**THE GRAND MID-SEASON COLLECTION.**

**Major Bonaffon**. Soft, pure yellow. **Col. Appleton**—Deep yellow. **Timothy Eaton**—Incurved, pure white.  
**Lavender Queen**—Lavender pink. **Maud Dean**—Pink, almost rose. **Golden Wedding**—Large yellow.

These six for 50c, postpaid.

**SIX ELEGANT LATE SORTS.**

**INTENSITY**—A new crimson, flowers of the largest size, reflexed form, showing only the bright crimson upper surface of the petals.

**GOLDEN BEAUTY**—A late golden yellow, ready at Thanksgiving and later.

**W. H. RAYMOND**—Blossoms very large, pure yellow, of good form and substance.

**YANOMA**—Very late, pure white, reflexed petals. The best late white.

**W. H. CHADWICK**—Flowers pure white sometimes slightly tinged with pink.

**MARIAN NEWELL**—Flowers of extra size, measuring 9 inches in diameter. Color a true pink.

**SIX CHOICE POMPON SORTS.**

**VIOLA**—Pure Pink.

**MIZPAH**—Clear bright pink.

**ANGELIQUE**—Snowy white.

**GARISA**—Fine white.

**ATLAS**—Bright yellow.

**ATILA**—Choice yellow.

**Major Bonaffon**

This grand variety we consider the very best for amateur cultivation. The plant is strong and vigorous, the foliage the prettiest we have ever seen in any variety. The blossoms are of the largest size, ball shaped, incurved, a soft pure yellow. Its keeping qualities are the best of any known Chrysanthemum. For pot culture in the north, for outside growing in the middle states, and for greenhouse cultivation everywhere it is the peer of all varieties.

**DRACENA INDIVISA.**

A beautiful decorative plant. Adapted to pot culture and fine for centres of vases, rustic boxes etc., on the lawn. Small plants, 25c each postpaid. Strong plants, 15 to 18 inches tall, \$1.00 each by express.

**FABRIANA IMBRICATA.**

A small pot plant with cedar-like foliage, which produces an abundance of charming, pure white tubular blossoms. 15c each.

**FERNS.**

**ASSORTED VARIETIES** for jardinières and ferneries. Strong thrifty plants, 20c each, by mail; or \$1.50 per dozen by express.

**MAIDEN HAIR**—Our stock of these is very complete, the finest and best we have ever grown.

1st size. 25c each, postpaid.

2d size. 75c each by express.

3d size. \$1.50 each by express.

Extra fine specimens, \$5.00 each.

**BOSTON**—Its long, graceful, drooping fronds often attain a length of 5 or 6 feet in a single year, while its foliage is always clean and healthy.

1st size. 25c each by mail.

2d size. 75c each by express.

Large size, \$1.50 each by express.

Extra Fine, \$2.50 each by express.

Mammoth, \$5.00 and \$10.00 each by express.

**PIERSONI.**

Cut and description on page 53.

**Fern Dishes** Choice decorated china, nicely filled with assorted ferns, at \$2.00 to \$5.00 each. These make elegant gifts.

**PICUS ELASTICA.****Rubber Plant.**

A very graceful, ornamental plant with broad glossy leaves of deepest green. Strong plants, by express 75c to \$2.00 each.



Hibiscus, Peachblow.





Mars Geranium.  
GLADIOLUS.

**ROYAL MIXED**—In this mixture we have placed many of the best named varieties. By carefully growing for a series of years, and rejecting the poorer kinds each season, we have produced a strain which, for size of bloom and brilliancy of coloring, is unsurpassed. 10c each, \$1.00 per doz.

**IMPERIAL MIXED**—This consists of a collection of choice flowering varieties selected from the best old named sorts. 5c each, 50c per doz.

**COMMON MIXED**—25c per dozen, postpaid; \$1.50 per 100 by express.

**CHOICE NAMED VARIETIES**.—10c each, except where noted. The entire collection for \$1.25.

**SHAKESPEARE**—White, with large rosy blotch.

**ADDISON**—Dark amaranth, striped white.

**GEN. SHERMAN**—Large fine scarlet.

**LORD BYRON**—Brilliant scarlet, blotched pure white.

**MRS. BAINS**—Clear light red.

**OCTOROON**—Beautiful salmon pink. 15c each.

**PROSPERINE**—Rosy white.

**REINE VICTORIA**—Pure white, carmine violet blotch.

**SNOW WHITE**—Large blooms, enormous spikes. 25c each.

**THE QUEEN**—White, tinged with blush. 20c each.

**VAN SPANDONK**—Firey red.

**ZAMPA**—Tender rose, mottled carmine.

**GREVILLEA ROBUSTA**. Silk Oak.

A rapid growing plant for decorative purposes. 15c each.

**MEXICAN PRIMROSE**—A most charming little plant, giving a continuous supply of large, single, delicate pink flowers. 10c each.



Claklioli, Royal Mixed.

## May's Premier Collection of Geraniums.

These six choice plants for 75c. This contains six of the very best varieties in cultivation which are selected by us on account of the size and brilliancy of blossom, their sturdy, vigorous growth and their profusion of bloom throughout the season.

**ALPHONSE RICARD**—This is a handsome variety, producing in greatest profusion immense trusses of semi-double, orange red blossoms of perfect form. 15c each.

**AMERICA**—It is a seedling from Mars, of stronger growth and larger foliage than the parent. On opening, the flowers are white with salmon centre, changing to various shades of salmon and rose, finally, when fully open, to deep pure rose. 20c each, \$2.00 per doz.

**MAD. JAULIN**—The plants is of dwarf, robust habit. Flowers of largest size and very abundant; the center a delicate pink, outside a pure white. 20c each.

**DRYDEN**—Flowers single, bright rosy red, with large white blotches on two upper petals and smaller blotches on the three lower ones. 25c each.

**LA FAVORITE**—An old, well-known variety. The flowers are perfectly double, pure white, and produced in great profusion throughout the season. 10c each.

**J. J. HARRISON**—The most brilliant scarlet grown. The trusses and florets are of immense size. 15c. each.

**Mars Geranium.** This is the dwarfest variety introduced to date, forming strong stocky plants with great drouth resisting qualities, and is the most prolific bloomer ever seen. The foliage is dark green with bronze zones. The flowers are single, deep rose salmon, becoming deeper at the centre and shading to almost pure white at the outer edge of the petal. 15c each, \$1.50 per doz.

## GERANIUMS—GENERAL LIST.

Price, unless otherwise noted, 10c each, \$1.00 per doz., postpaid; \$6.00 per 100 by express.

**BEAUTY POITEVINE**—Rosy salmon.

**JEAN VIAUD**—Semi-double, pure pink. 15c each.

**JOHN DOYLE**—Bright vermillion; sime-double.

**LA INCONTABLE**—Double rose color

**MRS. E. G. HILL**—Single salmon.

**MRS. J. M. GARR**—Single white.

**MRS. BEADSLEY**—Single salmon pink.

**MAD. POIRIER**—Violet carmine.

**MAD. ROZAIN**—Double white

**PREDICTION**—Double cerise pink.

**QUEEN OF THE WEST**—Single scarlet.

**S. A. NUTT**—Dark crimson.

## IVY LEAF VARIETIES.

**BEAUTY OF CASTLE HILL**—Soft rose color.

**GARDEN GLORY**—A pleasing pink color.

**JEANNE DE ARC**—Flowers very large pure white.

**LE ELEGANTE**—Blossoms pure white. Very choice.

**SOUV. CHAS. TURNER**—Flowers bright pink.

## SILVER LEAF VARIETIES.

10c each, \$1.00 per doz., or \$6.00 per 100 by express.

**MOUNTAIN OF SNOW**—Large leaves, edged silver.

**MAD. SALLEROI**—Small leaves, tinted white.

**ROSE GERANIUM**—Sweet scented. 10c each

## HELIOTROPE.

10c each, \$1.00 per doz., postpaid; \$6.00 per 100 by express.

**CHIEFTAIN**—Lilac colored, large truss

**FLEUR D. ETE**—Pure white.



**Manettia Vine.** One of the loveliest vines ever introduced. It is a free and rapid grower, particularly adapted for baskets, vases or small trellises. The blossoms which are produced very freely, are tubular shaped, beautiful scarlet at the base and shading into yellow and orange at the tips. In order to obtain the best results with this lovely plant the roots should be allowed to become pot bound. This causes the plant to bloom profusely when quite small. 15c each.

**Mrs. McKinley.** The Weeping Lantana—The plant is of rapid growth and graceful drooping habit, with lovely dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant, rosy lilac color, entirely distinct from any other flower we have ever seen. To produce quick results a half dozen or more plants should be planted in a tub, although a very pretty basket can be grown from a single plant. It is valuable for mixing with other plants in vases. 15c each.

**HIBISCUS.** 15c each, unless otherwise noted.

**COLLERI**—Lemon yellow, base of petals crimson scarlet.

**COOPERI**—Foliage variegated. Flowers single crimson.

**GEN. GRANT**—A giant flowering double red. 25c each.

## HONEYSUCKLE, FUCHSIA FLOWERED.

A vigorous grower with long trailing branches covered with beautiful trumpet shaped red blossoms. 15c each.

## HONEYSUCKLE. Golden Leaved.

A most beautiful little house plant with golden yellow leaves, mottled and veined green. 10c each.

## HYDRANGEA. Hortensia.

The well known and favorite old variety, producing immense clusters of pink blossoms. 25c each.

## IVY ENGLISH.

The old time favorite 10c each.

## JUSTICIAS. Plume Plants.

They flower when quite young, throwing up large, plume-like blossoms. 20c each, 3 for 50c.

**CARNEA**—A very beautiful red.

**FLAVA**—Yellow. New and desirable

**VELUTINA**—A beautiful pink variety.

## LANTANAS. 10c each, \$1.00 per doz.

**HENDERSONI**—Beautiful orange, changing to crimson.

**LA NEIGE**—Pure white with faint shades of yellow.





**CHINESE PRIMROSE.**

Our stock has been grown from the choicest strain of seed to be obtained. Strong plants, 15c each, \$1.50 per dozen by express.

**Pomegranate. THE GEM**—A beautiful plant for bedding or pot culture. The blossoms are a beautiful orange scarlet color and freely produced. 15c each.

**PRIMULA OBCONICA GRANDIFLORA.** A strong, compact grower, with beautiful green leaves and tall graceful stems, bearing large fringed flowers of a delicate pink tinge. 25c each, 3 for 60c.

**RUSSELLIA JUNCEA.**

It produces numerous long, wiry stems, which are leafless. The flowers are borne on these stems being about the size and shape of Manettia blossoms. 15c each.

**SERISSA.**

It has bright, glossy green foliage, and produces a profusion of lovely double white blossoms. 15c each.

**SOLANUMS.**

**JASMINOIDES GRANDIFLORUM**—A beautiful plant with star shaped flowers borne in clusters of purest white, with a violet tinge on back of petals. 15c each.

**CAPSICASTRUM**—Jerusalem Cherry. A dwarf branching plant which produces an abundance of small scarlet berries during the fall and winter. Very handsome and decorative. 15c each.

**VINCAS.**

Trailing vines for window boxes, vases and baskets. Green and variegated leaved. 20c each.



Sandiford's Surprise Pelargonium.

**PANSIES.**

We can ship choice plants in bud and bloom at any time, 10c each, 50c per doz., postpaid; \$3.00 per 100 by express.

**PASSIFLORA**—(Passion Flower).

This is the prettiest and most easily cultivated of all the rapid growing climbing vines. 15c each. **CONSTANCE ELLIOTT**—Blossoms pure white, except a slight coloring at the base of the corolla. **PFORDI**—This we consider the best variety known. Its beautiful flowers are borne very freely even on small plants. They are of a rich shade of blue, suffused with rose.

**PELARGONIUMS.**

**SANDIFORD'S SURPRISE**—A charming flower of splendid habit. Big black blotches in upper petals, edged fiery red, surrounded with a broad band of white; lower petals white, with bright red spot in centre of each. 30c each.

**MRS. SANDIFORD**—A splendid semi-double white flower, some flowers showing a small rich maroon spot in upper petals, heavily fringed. 30c each.

**SANDIFORD'S BEST**—A new and distinct flower of a beautiful shade of pink, surrounded with a deep band of the purest white, with large white throat. 30c each. The set of 3 for 75c.



Blanche Dysinger Petunia.

**PETUNIAS.**

**Double Varieties.** 15c each, or set of 4 for 50c. The plants which we offer produce blooms of the largest size, double, and of the most beautiful and striking colors. They make excellent pot plants and are equally valuable for beds, boxes, etc.

**BLANCHE DYSINGER**—After years of careful selection and propagation we are able to offer a white Petunia of immense size, a very vigorous and healthy grower and a most profuse bloomer. The blossoms, the largest we have ever seen, are a pure white, delicately fringed, fragrant, and when cut and placed in water will remain fresh for ten days or two weeks.

**ADONIS**—A delicate shade of pink.

**EUREKA**—An elegant red variety.

**IRAZ**—Deep purple, marked and penciled with cream and pink.

**PHRYNIUM VARIEGATUM.**

A valuable foliage plant for pot and bedding culture. The leaves are pale green, beautifully variegated with white and gold, rendering it very attractive. 20c each.

**The True Blue Solanum.**

A handsome climbing species, which can also be pinched back and grown in bush form. It produces large clusters of lovely blue flowers which are succeeded by attractive scarlet berries, rendering it altogether a most handsome plant. 20c each.

**SUTHERLANDI.**

It is of dwarf, compact habit, with bright green foliage, delicately cut. The flowers, which are borne in great profusion, are the shape of a sweet pea, borne on long stems, color brilliant scarlet. 15c each.

**THUNBERGIA FRAGRANS.**

A magnificent variety of climbing habit, deep green waxy leaves, and flowers as large as silver dollars, of pure waxy whiteness, with a delicate lemon yellow spot in the centre or throat. 20c each.

**TECOMA SMITHI.**

A dwarf, bushy trumpet creeper, with flowers over 2 inches in length, of a rich lemon color shading to dark orange yellow. 15c each.

**TUBEROSES.**

**DOUBLE DWARF PEARL**—Extra large. 5c each, 50c per doz.

**SILVER LEAF**—Foliage distinctly striped white and green. 10c each, 75c per doz.

**VIOLETS.**

**MARIE LOUISE**—A very fragrant double blue variety. 15c each.

**PRINCE OF WALES**—A single flowering sort with large blue blossoms. 15c each.

**SMILAX.**

A beautiful climber of rapid growth and easy culture. 15c each.

**VERBENAS.**

Grown from cuttings from the giant flowering varieties. 10c each, \$1.00 per doz.

**Primula Forbesi, or Baby Primrose.** A new and distinct variety and one of the most prolific bloomers we have ever grown. The flowers are of medium size, pinkish white, borne on long stems and remain fresh a long time after being cut and placed in water. 20c each, 3 for 50c.

**PALMS.**

We list here a few of the best known varieties in small sizes. We carry a large stock of all the popular sorts in larger size plants, and will be pleased to mail our special palm price list on application to all who desire larger plants.

**KENTIA BELMOREANA**—30c each. Large plants by express, \$1.00 to \$10.00 each.

**ARECA LUTESCENS**—30c each. Large plants by express, 75c to \$5.00 each.

**COCOS**—Valuable for centers of fern dishes. 30c each by mail; 75c to \$3.00 each by express.

**LATANIA**—(Fan Palm.) 25c each, postpaid; \$1.50 to \$10.00 each by express.

**OREDOXIA REGIA**—(Royal Palm.) 30c each, postpaid.

**PHOENIX RECLINATA**—30c each.

**SEAFORTHIA**—25c each.

**UMBRELLA PALM**—Nice growing plants, 15c each postpaid; larger plants, 25c, 50c and 75c each by express.

**OLEANDERS.**

The set of 3 for 75c.

**PRINCE ALBERT**—Mammoth white flowers, perfectly double. 30c each.

**LA ROSARIE**—Lovely double pink blossoms. 30c each.

**GOLDEN WEST**—Double flowers of a golden shade. 30c each.

**SWAINSONIA ALBA.**

A most desirable, ever blooming plant with graceful, fern-like foliage. The flowers, which resemble a miniature sweet pea, are produced in clusters throughout the year. Color, purest white. 15c each.

**SWAINSONIA ELEGANS.**

The flowers are of the most beautiful shade of rose, and as freely produced as the above variety. 15c each.



Swansonia.



## ROSES

For many years we have made the growing of Roses a specialty, studying their habits and characteristics, testing all the new varieties as they appeared from year to year, and importing the latest novelties from the best European growers. Many sorts, after thorough trial, have been discarded as worthless; others have been retained and improved upon; still others have worn out and deteriorated until they were practically useless. By this constant "weeding out process" we have kept our list up-to-date and are enabled to supply our customers the very best that money, time and experience can produce.

**OUR GROWING METHODS**—Differ radically from those of many of the so-called rose growers. We never force our young plants. They are grown in a cool situation, thoroughly well rooted in sand, then potted up and kept growing slowly. This gives them an abundance of fibrous roots and a strong healthy constitution. Plants grown in this manner will ship a long distance in perfect condition and commence growing vigorously the moment they are transplanted.

**CULTURE**—Roses require a rich soil made up of rotted sod loam and well-rotted cow manure. Cut the plants back closely after flowering. As the blooms are produced on the new growth, the development of new branches is most essential. Feed the plants on well-rotted cow manure, bone meal or a liquid fertilizer, thus inducing a vigorous growth, and prune freely and you will be amply repaid for the time and attention bestowed.

The indoor enemies to rose plants are Aphid, Red Spider and Mildew. Thorough syringing with tobacco water will destroy the Aphid, constant syringing with clear water will keep down Red Spider and powdered sulphur sprinkled on the foliage will help to prevent and destroy Mildew. Keep plants out of cold draughts of air and you will in a great measure prevent Mildew.

**Everblooming Tender Roses** These are especially nice for planting on the lawn in beds, producing an abundance of bloom the entire season. They are also well adapted for pot culture in the house. This list contains the best roses grown, and will afford unbounded satisfaction to all who grow them. Unless otherwise noted, 10c each, \$1.00 per doz., postpaid; \$5.00 per 100 by express, for strong young growing plants.

### GENERAL LIST

**BRIDE**—Large, creamy white, changing to pure white.

**BRIDESMAID**—Large, full, fragrant blossoms of pure bright pink.

**CHAMPION OF THE WORLD**—Blossoms of largest size, a lovely, clear deep pink. Excellent for outdoor culture.

**COQUETTE DES LYON**—Clear canary yellow.

**DR. REYMONT**—Very fine, double, dark red.

**IVORY**—A grand variety of recent introduction identical with Golden Gate, except it is pure white without any tinge of coloring.

**LAFRANCE**—Large, well-expanded, light pink blossoms.

**MADAME CUSIN**—Bright purplish crimson, base of inside petals sometimes streaked with white.

**MARION DINGEE**—Deep brilliant crimson. The darkest and richest colored tea rose in existence.

**METEOR**—Rich velvety crimson. Excellent for bedding and well adapted for pot culture.

**PAPA GONTIER**—Dark crimson red, long pointed buds.

**PRESIDENT CARNOT**—Long pointed buds. Blossoms a delicate rosy blush, shaded a trifle deeper in the center. Delicious fragrance; a strong grower and free bloomer.

**PERLE DES JARDENS**—Clear golden yellow. An indescribably rich and beautiful shade, entirely distinct from any other variety.

**PRINCESS BONNIE**—Deep vivid crimson.

**SAFRANO**—Bright apricot yellow, changing to orange and fawn; sometimes tinted with rose. Very fragrant.

**Madam Chatenay** While comparatively an old variety this is one of the most charming sorts in existence.

**ITS COLOR**—Is hard to describe, as the delicate shadings are so perfectly blended into and through each other. It is a bright rose carmine shaded salmon, a most glorious combination.

**THE FLOWERS** are of large size, as large or larger than the LaFrance, the buds pointed, of fine form for button-hole use. The center petals are slightly



Madam Chatenay.

recurved. The buds unfold slowly, while the flower is most handsome from the time the bud begins to show color until it is fully expanded.

**IT NEVER FADES**—And keeps a remarkably long time, the petals drying up and retaining their fine color for months after. Cut blooms have been known to keep their form, color and fragrance for two weeks after cutting.

**ITS FRAGRANCE** is fine, more like the delicate odor of the Tea Roses than the heavy perfume of the Hybrid Perpetuals.

**ITS GROWTH** is strong, stocky and vigorous, with bright, clean, beautiful foliage at all times. For amateur or professional growers it has proven a rich boon, as its free blooming qualities, its strong growth, its freedom from mildew, all combine to make it a general favorite. 15c each, 2 for 25c, postpaid. \$1.20 per doz. by express.

**Golden Gate** This is a free, everblooming variety of great vigor of growth, clean healthy habit, fine foliage and handsome bloom. The flower stems are long and stiff, the blossoms being borne well above the foliage. The blossoms are of largest size and magnificent form, creamy white, sometimes delicately tinged pink on the ends of the petals. It is one of the grandest bedding roses ever grown. 15c each.

**Kaiserin Augusta Victoria** One of the most beautiful of all Roses for open ground culture. It is a most vigorous grower, having large, clean, handsome, waxy-like foliage. It is celebrated among rosarians the world over for its elegant, large pointed buds and large full double flowers, which are delightfully fragrant. The color is a delicate creamy white. It is unsurpassed for bedding purposes, having a hardy vigorous constitution and blooming from early summer till killed by frost.



**Beauty Inconstant** This is the most remarkable flower ever introduced. A single bush will at the same time bear flowers of various colors, ranging from crimson to light pink, through the various shades of red, orange, rose, pale pink and salmon. The buds are particularly beautiful, large, pointed and well made. Particularly fine for bedding purposes, as its variable flowers produced continuously throughout the season excite admiration wherever seen. 20c each.

### Utopian Collection of Bedding

**Roses** 6 Grand Roses for 50c, postpaid. We have selected the hardest, most vigorous, free blooming sorts for this collection; those which we know are admirably adapted for bedding purposes. They cover a wide range of colors, and will please every one.

1 Beauty Inconstant—All colors.  
1 Golden Gate—Creamy white, tinged pink  
1 ETOILE DE LYON—Rich golden yellow.  
1 QUEEN OF SCARLETS—Rich velvety scarlet.  
1 MAD CHATENAY—Carmine, shaded salmon.  
1 KAISERIN AUGUSTA VICTORIA—Creamy white.

3 Collections, 18 plants, for \$1.35, by express.  
6 Collections, 36 plants, for \$2.50, by express.

**Belle Siebricht** This grand variety, introduced a few years since, is one of the best we have ever grown for summer blooming. The flowers are of large, full form, of a rich, deep pink color. It is a wonderfully free bloomer, and is quite hardy in some Northern localities. We believe it possesses unusual merit as a variety for amateur cultivation, and heartily recommend it to our customers who wish a variety combining so many good qualities. 15c each, 3 for 40c, postpaid.



Golden Gate.



Kaiserin

**Special Offer.** One each of the four varieties illustrated on this page, for 50c postpaid.



AMERICA'S

HARDIEST ROSE  
"U.S. GRANT."

**U. S. Grant** Almost as hardy as an oak. Will thrive in any section of the United States. Blossoms freely the entire summer. This is the famous rose we introduced as "Unknown Beauty" and which we allowed our patrons to name by votes. Thousands and thousands of votes were sent in from all parts of America, and Gen. Grant proved to be the favorite. It is truly an ever-blooming hardy rose, and can be grown by any one. The flowers are of an enormous size, cup-shaped, full and deep, the petals thick, heavy and of a peculiarly rich velvety red color. It is a magnificent rose, either in bud or as an open flower, and its deep color makes it especially desirable for cutting. It is one of the very few varieties which will succeed in all parts of the United States, doing equally as well in the East as it will in the far West, while its hardiness and healthy habit enable it to withstand both the severe winters of our northern states and the burning sun of the far South. Remember, we do not recommend this Rose for house culture at all, but for the open garden we have never seen one that could surpass it in hardiness, habit of growth or beauty of coloring.

You cannot procure U. S. Grant except from us, as we control the entire stock. Strong, well-rooted, young, growing plants 25c each; 2-year-old dormant plants 60c each.

### The Charming Soupert Roses

for planting out in the garden or lawn, these peerless little beauties are unsurpassed. They bloom continuously. By this we do not mean that there are scattering blooms here and there on the plant all the time. They are one rounded mass of lovely flowers, set amidst charming foliage every day in the year. New buds are forming all of the time and they require no rest from one year's end to another.

They are strong bushy growers and are well adapted to pot culture as well as bedding out. While they are classed as polyantha or miniature roses, the blossoms are of good size, from 2 to 3 inches in diameter and are produced in enormous clusters. They open up flat, are perfectly double and deliciously fragrant. We offer three varieties, each one a gem in its color. Price, 10c each, \$1.00 per doz.; 1 of each for 25c postpaid.

**Gen. MacArthur** A new rose, by many growers thought to be the best red rose in cultivation. It is strong and hardy—of free branching habit of growth, every shoot producing a blossom. In color it is a vivid crimson scarlet. 40c each, 3 for \$1.00.



Beauty of St. Paul.



Soupert Roses.

**Beauty of St. Paul.** This grand variety introduced by us two years ago has proven more valuable than we at first supposed. It is equally adapted to growing in the open ground, or as a pot plant in the house. It is a strong, vigorous grower and a most profuse bloomer. It is not hardy in the North, though with slight protection it will live outside over winter anywhere south of the Ohio river. The color is a deep glowing pink, a trifle darker than the Bridesmaid. The buds are tight and pointed like that variety, though the petals are longer. When fully expanded the blossoms are similar to the LaFrance. We have an immense stock of choice plants of this variety and would advise all our friends to place their orders early before it becomes exhausted. Price, 15c each, 3 for 40c, postpaid.

**Liberty** This variety, the acme of perfection in the rose grower's domain, will fill a long felt want, not only with the commercial florist, who grows flowers for profit, but also with the amateur, who grows them for pleasure and the love he bears them. It is an everblooming Hybrid Tea, said to be hardy in many localities in the North. It is a rapid, vigorous grower, a very free bloomer, with a beautiful, clean, healthy foliage at all times. The color is a deep, glowing crimson, the petals being covered with a rich, velvety bloom. It is very fragrant resembling the Hybrid Perpetuals in this respect. The buds are of perfect form and appearance, gradually expanding into blossoms of the largest size, which last a long time. Planted in the open ground it makes a wonderful growth, and is covered profusely throughout the season with its large fragrant blossoms. As a pot plant it is without a peer as it forms a compact bushy plant, at all times clean and healthy and in bud and bloom. As a cut flower the past season, it commanded almost fabulous prices in New York and the large Eastern cities, while recent reports indicate an unprecedented demand for this flower wherever grown. 20c each; \$1.50 per dozen by express.



Liberty.



Tree Rose.

### Special Offer.

One each of the three Souperis,  
one U. S. Grant and one Liberty  
—5 Roses, for 50c. postpaid.

**Tree Roses** These are grafted on hardy rose stalks 4 to 5 feet high, are tree shaped, and when in full bloom are objects of beauty, making handsome plants for the lawn or rose border. In this shape we offer only the Hybrid Perpetual or hardy class. We have them in white, the different shades of pink, red and crimson. Fine, strong trees that will bloom nicely the first year, \$1.00 each. These can only be sent by express or freight.

**CLOTHILDE SOUPERT**—This is one of the grandest roses ever introduced, either for pot culture or bedding. It is a strong, dwarf grower, and the most wonderful bloomer ever known, being continuously in flower the entire year. The blossoms are large, round, flat, perfectly full and double, and deliciously fragrant. The color is pure white, shading to silvery rose in the center.

**PINK SOUPERT**—A worthy companion to the White and Yellow Soupert. As free blooming as the White Soupert, but of a deep, rich, pink color.

**YELLOW SOUPERT**—(Moselia.) Combines the form and size of the Tea Roses with the free-flowering, branching habit of the Polyanthas; is quite hardy and may be left in open ground with slight protection during the winter. Blooms very freely the entire season. Color light yellow, shading to white at edge of petals.





Crimson Rambler.

PRICE OF RAMBLERS—Well-rooted, strong, healthy, growing plants, 15c each, or the 4 for 50c postpaid. Strong, field-grown, 2-year-old, dormant plants, 40c each, or the 4 for \$1.40 postpaid. Any 6 for \$1.75, any 12 for \$3.25, by express, at purchaser's expense.

### The "Empress" Rose Collection.

1 EMPRESS OF CHINA—"The apple blossom Rose."  
1 CRIMSON RAMBLER—Hardy everywhere.  
1 DOROTHY PERKINS—The improved Pink Rambler.  
1 YELLOW RAMBLER—The only yellow climbing Rose.  
1 WHITE RAMBLER—The best white climber.  
The above 5 choice Climbers—strong, young plants, for 60c, 2 collections \$1.00, postpaid.  
Strong, field grown, 2-year-old dormant plants, for \$1.50 by express at customer's expense.

#### SOME GOOD CLIMBING ROSES.

Strong young plants 10c each postpaid. Field grown, 2-year-old dormant plants 35c each, 3 for \$1.00 postpaid. By express or freight 6 for \$1.50 12 for \$3.00.  
BALTIMORE BELLE—Pale blush, nearly white, very double, producing its blossoms in large clusters.  
QUEEN OF PRAIRIE—Bright rosy red, large, compact, globular flowers, produced in clusters.  
SEVEN SISTERS—Pink, changing all shades to white. Blooms in clusters of seven.

**Crimson Rambler.** This is certainly the most wonderful climbing rose ever introduced and each year's experience with it only strengthens our confidence in it. It is absolutely hardy in all localities, a most vigorous grower, a most prolific bloomer, fine for growing on trellises, unexcelled for covering porches, walls, etc.; admirable for pot culture for Easter forcing, at all times when in bloom, producing a gorgeous mass of crimson blossoms which remain on the plant a long time. The plant often grows from 12 to 15 feet in a single season, commences to blossom in June, continuing throughout the season. The flowers are deep crimson, borne in immense clusters, which remain on the plant a long time.

**Yellow Rambler.** This is a fit companion for so beautiful and valuable a rose as the Crimson Rambler. It is perfectly hardy, more vigorous in growth, if possible, than the Crimson, a profuse bloomer and succeeds well in any and all localities. The flowers are pure yellow, double, of good size, fragrant and borne in immense clusters like the Crimson, and last a long time without fading.

**White Rambler.** The plant is strong, vigorous and hardy, a most prolific bloomer. The blossoms are very double, pure white, borne in clusters and remain on the plant a long time. It closely resembles Crimson Rambler in every particular save color.

### Improved Pink Rambler.

(Dorothy Perkins.)—This grand new Rambler variety bids fair to rival the well known Crimson Rambler when it becomes generally disseminated. It is said to be as hardy as the Crimson, blooms as freely and surpasses the former in size, form and beauty of bloom. The blossoms, which are borne in immense clusters of from 20 to 30 are about 1½ inches in diameter, perfectly double, the petals prettily rolled back and crinkled, of a beautiful shell pink color, which holds a long time without fading. As a florists' forcing plant for Easter it is bound to become most popular.



Empress of China.

**Empress of China.** "The Apple Blossom Rose." One of the grandest and best climbers ever introduced. It is a vigorous grower, attaining a height of 15 to 20 feet in a single season. The buds and blossoms are of handsome form and are borne very profusely throughout the season. The color is a soft dark red, changing to lighter red or pink like an apple blossom, rendering the plant very handsome and showy. This rose is perfectly hardy everywhere, while its great beauty and usefulness commend it for general planting. Strong young plants 15c each, 3 for 40c; 2-year-old, field grown, dormant plants, 40c each, 3 for \$1.00 postpaid; 6 for \$1.75 by express, at customer's expense.

**Rugosa Roses.** (Japanese Single Roses.)—These are very valuable for planting in large masses, producing fine landscape effects. The foliage is very attractive, dark glossy green, thick and leathery, shining as if varnished. The blossoms are large, single, and produced in greatest profusion from early summer until fall. These are followed by bright, attractive seed pods. The plants are very vigorous and are not troubled with insects.

**RUBRA**—Deep rose, borne in large clusters.

**ALBA**—Pure snowy white, in large clusters.

Strong 2-year-old plants, 40c each postpaid; \$3.50 per dozen by express

### MOSS ROSES.

**Princess May.** The New White Moss Rose. The most free flowering White Moss we have ever seen, while its healthy habit of growth and large flowers are certain to make it a favorite wherever known. The buds are elegantly mossed and the blossoms exceedingly fragrant. It is a rose no lover of mosses should fail to secure. 2-year-old plants, 40c each, postpaid

**Ashbourne Prize.** This is without doubt the most beautiful deep red variety that has ever been produced. The flowers are a rich, deep velvety red, extra large and highly perfumed. The plant is a strong, thrifty grower and produces its blossoms in the greatest abundance. Both this variety and Princess May are perfectly hardy. Strong thrifty 2-year-old plants 40c each, postpaid.

The two for 75c postpaid. By express 3 for \$1.00, 6 for \$2.00.



"PRINCESS MAY"



"ASHBOURNE PRIZE"





### Minnesota Collection of Hardy Roses.

Six Plants, strong young growing stock, for 50c postpaid. Six strong, field grown, dormant plants for \$1.50 by express at purchaser's expense.

We have offered this collection of Roses for several years and the plants have given such general satisfaction that we feel there is no better collection to be found in our entire list. They are hardy and reliable everywhere, yielding rich harvests of bloom at a small expense and are bound to please. This collection contains a wide range of colors and the varieties are of rapid, vigorous growth, very free blooming qualities. If you want a nice bed of roses all summer long, that will increase in size and beauty from year to year, buy the Minnesota Collection.

1. MARSHALL P. WILDER—A very hardy, vigorous, free flowering variety, a seedling of Gen. Jacqueminot. Color, bright scarlet crimson, richly shaded with maroon. Very fragrant.
2. PRINCE CAMILLE DE ROHAN—Dark velvety crimson, the darkest in cultivation. Full and double.
3. MARGARET DICKSON—White, with pale flesh center; of magnificent form and very fragrant.
4. PAUL NEYRON—Deep, clear rose. Blossoms of the very largest size, full and double. Very fragrant.
5. MRS. JOHN LAING—An early and continuous bloomer. Color soft rosy pink. Blossoms very large, of fine form and exceedingly fragrant; borne on long stiff stems. A peerless sort.
6. MAGNA CHARTA—Rosy red, flushed violet crimson. Very large, full and fragrant. A free bloomer.

### GENERAL LIST OF HARDY HYBRID PERPETUALS.

Strong two-year-old dormant plants, 40c each postpaid, or \$4.00 per dozen by express at purchaser's expense.

Strong, young growing plants from our Greenhouses, 10c each, \$1.00 per dozen postpaid.

ALFRED COLOMB—Brilliant carmine crimson, very large, full and of fine globular form.

AMERICAN BEAUTY—Large, rich rose crimson.

ANNA DE DEISBACH—Brilliant rose color, with long, pointed buds.

BARON DE BONSTETTIN—Rich velvety maroon; large, full.

BARONESS ROTHSCILD—Bright rosy pink, of immense size and globular form, somewhat cupped and well filled to the centre. Petals broad and thick.

CLIO—Color, delicate satin blush, with a light shading of rosy pink.

COQUETTE DES ALPS—Large, full flowers of pure white, slightly tinged with blush.

DUKE OF EDINBURG—A sturdy, compact grower. Blossom large and full, bright scarlet crimson, shaded maroon.

EARL OF DUFFERIN—Rich brilliant velvety crimson, shaded with dark maroon.

GEN. JACQUEMINOT—A rich velvety crimson, changing to scarlet crimson.

JOHN HOPPER—Bright rose with carmine center, large and full.

LA REINE—Beautiful, clear bright rose, very large, fine and full.

LOUIS ODIER—Bright carmine rose, large full flower.

MAD. GABRIEL LUIZET—Flowers extra large; color, clear coral rose suffused with lavender and pearl.

MAD. CHAS. WOOD—Bright fiery scarlet, passing to fine rosy crimson shaded maroon.

MAD. PLANTIER—Very large, double, pure white.

MAD. ALFRED DE ROUGEMONT—Pure snow white flowers, tinted and clouded with pale, rosy blush.

PIERRE NOTTING—The blossoms are of globular form, very large, highly scented, of a deep velvety crimson color. The best fall bloomer we know of.

ULRICH BRUNER—Brilliant cherry red.

### HARDY MEMORIAL ROSE—(Wichuriana)

A trailing species from Japan creeping on the ground almost as closely as an ivy. The foliage is a deep rich, glossy green, shining as if varnished. The blossoms are pure white, while the sepals form a large yellow disc in the centre. It is perfectly hardy everywhere, the foliage remaining green and glossy until Christmas. It is appropriate for covering graves and cemetery plots; for arbors, trellises, rocks, stumps, embankments or any other unsightly place. Strong, 2-year-old plants, 40c each, or 3 for \$1.00 postpaid; \$3.00 per dozen by express at purchaser's expense.



**Our Nursery Department.** **FACTS WORTH KNOWING.** Our nurseries are the most northern in America and are situated 15 miles east of St. Paul on the open prairie where they are exposed to the cold, icy blasts of the winter and the dry scorching heat of the summer, making the stock the most hardy and reliable for planters in all parts of the United States.

**WE DO NOT** offer as large a collection of varieties as do some other firms, but those we do offer are the cream of all in hardiness, quality and ease of culture.

**ALL NEW VARIETIES** are thoroughly tested at our nurseries, and if they do not give satisfaction all around we do not offer them to our customers, hence you may be sure what we do offer is perfectly hardy, of A No. 1 quality and valuable to the planter.

**OUR MAIL ORDER DEPARTMENT.** All trees, shrubs, vines, etc., offered by mail postpaid, are young, thrifty stock, well rooted and established and sure to grow under ordinary care and conditions.

**WE DO NOT** do like some other firms, who use the larger size trees for freight and express orders and then use the scrubs for the mail orders.

Our mailing size stock is grown with the utmost care for that purpose.

**OUR PACKING SHEDS AND CELLARS** are the most complete in the country, enabling us to pack and ship in all kinds of weather, in the winter as well as spring.

**HOW TO PACK.** This is a very important factor in our success, and is done by thoroughly experienced and trustworthy men, only. It is important to us that stock arrives in good, fresh condition, and satisfactory to our customers.

**ST. PAUL** is the greatest railroad centre in the North-west, and we can ship by any route, freight or express, on short notice.

**IN CONCLUSION.** Our aim is to satisfy our customers and we acknowledge ourselves indebted to them for advertising in their recommendations of our goods to their friends and neighbors, who have thereby become our regular customers.

**Packing and Shipping** Unless otherwise noted all goods in this department will be shipped by express or freight.

**IN FILLING ORDERS** we reserve the right to substitute varieties considered by us of equal merit, provided we are sold out of the variety ordered. In such cases we label the variety substituted with its true name. But if customer wishes no substitution made and so states in his order we will fill order as far as possible and return money for the unfilled portion.

**ALL STOCK WILL BE PACKED** in the most approved manner, so as to reach our customers in the best possible condition. All heavy packages should be sent by freight to avoid excessive charges. Express rates are very reasonable on this class of goods, being 20 per cent less than regular merchandise, pound rates to apply.

**OUR GUARANTEE**—We guarantee all stock to be up to size and grade specified in list and to be in a healthy, living condition when it leaves our hands. This guarantee holds good only when we are notified promptly on arrival of goods, stating any errors or cause for complaint. We also guarantee stock to be true to name, with the understanding, that in case it does not prove so, we will replace such stock free of charge.

**AT PRICES QUOTED**—We make no charge for boxing, packing and delivering at express or freight office. Unless otherwise noted 6 at dozen rates, 50 at 100 rates. Write for prices on larger quantities.



**Planting and Culture** Plow and pulverize thoroughly to a depth of 12 to 18 inches. When planting on grass plots, remove the sod for a diameter of four or five feet and keep this space well worked and free from weeds. Dig the hole deeper and larger than is necessary to admit all the roots in their natural position, keeping the surface and subsoil separate. Cut off broken and bruised roots, and shorten the tops to half a dozen good buds, except for fall planting, when it is better to defer top-pruning until the following spring.

**PLANTING**—Fill up the hole with surface soil, so that the tree will stand about as it did in the nursery after the earth is settled. Work the soil thoroughly among the roots, and when well covered, tramp firmly. Set the tree firm as a post, but leave the surface filling (or poorer soil) light or loose. No staking will be required except for very tall trees.

**MULCHING**—After trees or bushes are planted it is a great advantage, in spring or fall, to mulch with a layer of litter or coarse manure 4 to 5 inches deep, extending 2 to 3 feet out from the trunks all around and sufficient to cover all the roots beneath. This prevents the ground cracking or baking, and keeps the earth moist and of an even temperature.

**AFTER CULTURE**—No grass or weeds of any description should be allowed to grow around young trees or plants. To get the best results the ground should be kept clean and loose around them, at least until they begin to bear. Where the ground is poor, surface applications of manure are needed. Pruning should be done regularly every spring before the buds swell; in this way removal of large branches is avoided.

## Useful Tables

**Number of Plants on one acre, at various distances.**

To estimate the number of Plants required for an acre, at any given distance, multiply the distance between the rows by the distance between the plants, which will give the number of square feet allotted to each plant, and divide the number of square feet in an acre (43,560) by this number; the quotient will be the number of plants required.

At 3 feet apart, each way	4,840
" 4 " "	2,729
" 5 " "	1,742
" 6 " "	1,200
" 8 " "	680
" 10 " "	430
" 12 " "	325
" 15 " "	200
" 18 " "	135
" 20 " "	110
" 25 " "	70
" 30 " "	50

### SUITABLE DISTANCES OF TREES, ETC., IN PLANTING.

APPLES	25 to 40 feet apart, each way		
CHERRIES	16 to 18 " "		
PLUMS—Standard	16 to 18 " "		
CURRANTS	3 to 4 " "		
GOOSEBERRIES	3 to 4 " "		
RASPBERRIES	3 to 4 " "		
BLACKBERRIES	6 to 8 " "		
STRAWBERRIES—For home garden	1½ to 3 " "		
STRAWBERRIES—For cultivation for market, with horse-hoe or cultivator	3 to 4 " "		
GRAPES	8 to 10 " "		

We have listed here only such varieties as we grow, and are hardy here. But we are prepared to quote prices in large quantities on any and all varieties grown in the United States. Parties desiring to plant large orchards should write for special quotations.

Inspection completed Sept. 3, 1904

MINNESOTA AGRICULTURAL EXPERIMENT STATION.

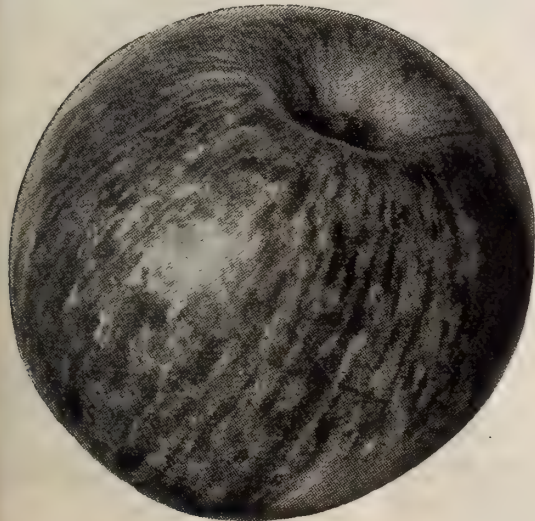
Office of the State Entomologist.  
St. Anthony Park, Sept. 6, 1904.

### CERTIFICATE OF INSPECTION.

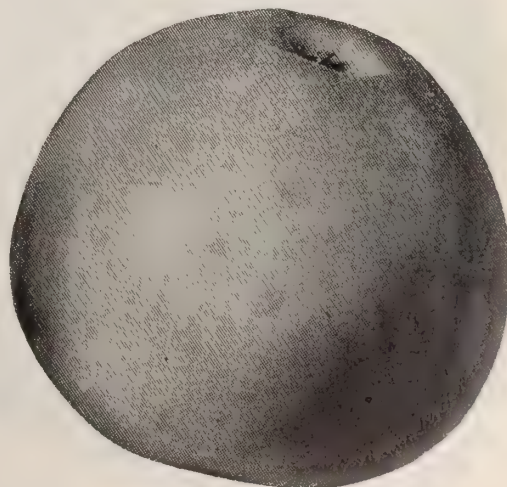
This is to certify that the stock at the nursery and premises of L. L. MAY & CO., of St. Paul, Minnesota, has been carefully examined in compliance with the law, and that it is apparently free from dangerously injurious insects and contagious diseases.

This certificate is good until Sept. 3, 1905, unless revoked.

F. L. WASHBURN,  
State Entomologist.



August



Yellow Transparent





North Westerh Greening

20 years ago with Peter Gideon, the pioneer in apple culture in this state. The fruit is light yellow, heavily streaked and splashed with bright red. It ripens a little later than Duchess, and is of unsurpassed quality for either cooking or eating from the hand. The tree is extremely hardy, passing through the severe winter of 1903-04 without injury, not being surpassed in hardiness by any of the 75 varieties grown at our nurseries.

**Northwestern Greening** W. This is a splendid variety. The tree is a straight vigorous grower. It commences to bear fruit early and bears annually thereafter. The fruit is large, smooth and symmetrical, light yellowish green, and of rich delicious quality. It is best in early winter.

**CHARLAMOFF—F.** The tree is of vigorous growth, bears early, and produces fine crops. The fruit is oblong, heavily streaked with red and keeps excellent.

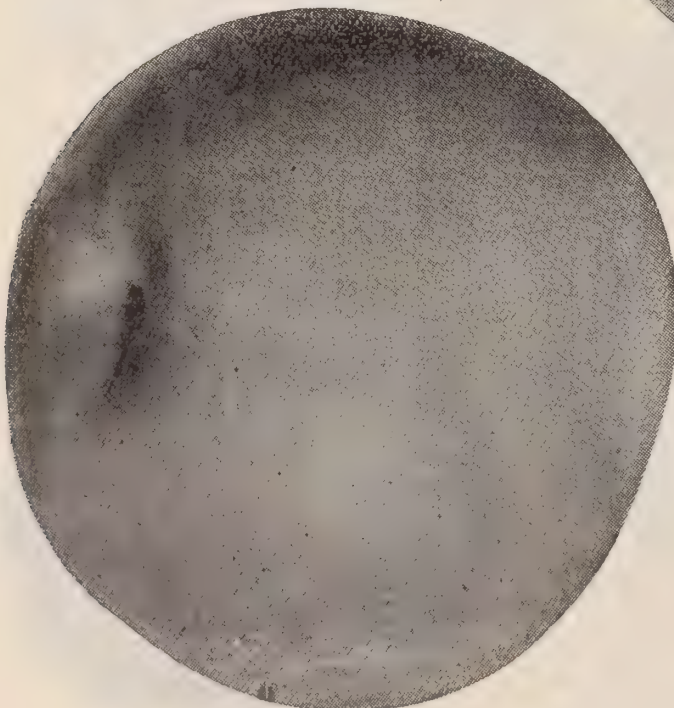
**DUCHESS—S.** The fruit is round and firm, medium to large size, streaked with red and yellow, and is tender, juicy and pleasant.

**GIDEON—W.** The tree is a vigorous grower, bears early and is a sure and constant producer. The fruit is large, yellow, with a blush on the sunny side. It is juicy, has a sub-acid flavor and keeps well toward spring.

**HIBERNAL—W.** Another tree of Russian origin producing large showy fruit, striped with red, and has a sub-acid flavor. Good for both cooking and eating.

**LONGFIELD—F.** The fruit is firm, medium to large, yellowish green, striped with red and has a blush on the sunny side. It is of a sub-acid flavor.

**LOU—F.** A Minnesota seedling of the Duchess. Fruit greenish yellow striped with red and of excellent quality.



Wolf River.

**The Minnetonka** Minnesota's Hardest Fruit. Fully guaranteed until it produces a bushel of fruit. In this rare and valuable sort we have reached perfection in apple growing in the Northwest. It originated near Lake Minnetonka in this state about fifteen years ago from the seed of some unknown Minnesota variety. The fruit is of large size, handsome shape, tender, crisp, sub-acid flavor. Color red. It makes an ideal cooking or dessert fruit, and on account of its fine appearance is unsurpassed for market.

We have grown this variety for several years under most adverse conditions and have found it perfectly hardy in all soils and all sections of the country. Indeed our faith in it is so strong that we do not hesitate to guarantee it in every particular.

**OUR GUARANTEE**—We guarantee every tree of the Minnetonka which we send out, until it produces a bushel of fruit and will replace free of charge any tree that may die before this result is obtained. What stronger endorsement could we give!

**PRICES FOR 1905**—4 to 5 foot trees, 75c each, 3 for \$2.00, 6 for \$3.00, 12 for \$6.00, by express at customer's expense.

Mail size, 1 year old, 40c each, 3 for \$1.00, 6 for \$1.75, 12 for \$3.00, postpaid.

Every tree of the Minnetonka sent out under our seal—none genuine without. Full planting and cultural instructions accompany each shipment.

**General List of Hardy Varieties** **PRICES**—Unless otherwise noted all varieties listed on this page will be sold at the following uniform prices: Mail size, 15c each, 6 for 75c, 12 for \$1.25, postpaid. 4 to 5 feet high, 25c each, 6 for \$1.40, 12 for \$2.50, 100 for \$20.00, by express or freight, not prepaid. Summer ripening varieties are marked "S." Fall "F." Winter, "W."

## August

S. See cut page 65. A Minnesota variety, originating some



## Yellow Transparent--F.

See illustration on page 65. An excellent variety for home or market. It ripens late in August lasting well until October. The tree is a beautiful grower, vigorous and very productive. The fruit is of medium size, slightly conical, pale yellow; flesh tender, juicy, sub-acid. Good for cooking or table use.

**WISCONSIN RUSSET—W.** Fruit good size, small core, excellent flavor, and a true russet skin.

## Peerless.

**Peerless** W. Originated in Minnesota some fifteen years ago, but has never really been known to have so many good qualities, but with age it has grown into favor with all fruit growers of the Northwest being far above all other varieties of its class. It originated with J. G. Miller in Rice county this state, who planted seeds of Duchess and Wealthy. From these he raised about 200 trees, only fifteen of which survived the severe winter, Peerless being the best of the lot. The fruit is large, round, well colored, and is first class for cooking or eating. The tree is a good grower, with a very heavy dark green foliage, and comes into bearing early. The scions from which our stock is grown are true descendants of the original Peerless Apple Tree.

**OKABENA—F.** A seedling of the Wealthy fertilized by the Duchess. Fruit, size and flavor of the Duchess, but in color a little darker.

**OCTOBER—F.** A Minnesota seedling from Crab seed. Fruit very large, with clear acid flavor.

**PATTEN'S GREENING—W.** A seedling of the Duchess, originating in Northern Iowa. The tree is very hardy and productive. The fruit is large, olive green, with an occasional dull red stripe and unsurpassed for cooking purposes, the flavor being pleasant and sub-acid.

**SCOTT'S WINTER—W.** This variety has been grown in all sections of the country and proved hardy, healthy and productive everywhere. The fruit has a very fine appearance, is firm, medium to large in size, fully rounded and rich; dark red in color. The texture is firm and the flavor delicious, brisk and sub-acid. Its keeping qualities are remarkable for it is at its best from February to April.

**Wolf River** W. A new and beautiful variety, originating near Wolf River, Wisconsin. The tree is a strong grower, hardy and an early and abundant bearer. The fruit is very large, greenish yellow, heavily shaded with crimson. The flesh is white tender, juicy, with a pleasant mild sub-acid flavor. It keeps until late in the winter in perfect condition.

**WEALTHY—W.** This Minnesota variety has proved reliable everywhere after many years trial. The fruit is medium to large and dark crimson. The flesh is white tinged with red, crisp, sub-acid and unsurpassed quality.



North Western Greening.

Charlamoff.

Repka Malenka.



Peter.

Peerless.

Antonovka.

### "MAYFIELD" APPLE COLLECTION.

6 Mail Size Trees for 60c. Postpaid.  
6 Trees 4 to 5 Feet High for \$1.25 by  
Express or Freight at Purchasers' Expense.

We have grown an immense stock of these varieties at our nurseries, all clean, healthy trees, which are bound to give our customers satisfaction. They are perfectly hardy everywhere, having passed through the severe winter of last year unhurt. They are all vigorous growers, and will give a succession of fruit ripening throughout the season, from early fall till late winter. We offer them at a very low price and know they will give entire satisfaction.

**Antonovka** W. A true ironclad tree of Russian origin, perfectly hardy, withstanding our coldest winters in perfect condition. Fruit large, slightly oblong and when fully ripe of a light golden color, sometimes lightly splashed with crimson. Quality the best.

**Charlamoff** F. Of Russian origin. One of the hardiest and best we have ever grown. Fruit of medium size, slightly oblong heavily splashed with red and of the finest flavor.

**Northwestern Greening** W. A clean, straight, vigorous grower. Fruit large yellowish green and of finest quality.

**Peerless** W. A Minnesota seedling of perfect hardiness, clean and vigorous growth, and unsurpassed quality of fruit.

**Peter** W. Introduced by Peter M. Gideon of this state. A true ironclad. Of clean symmetrical, vigorous handsome growth. Fruit large, firm, red and of excellent flavor.

**Repka Malenka** W. A true Russian ironclad. As hardy as the Wealthy, as prolific as the Duchess; unsurpassed in flavor. Fruit medium to large, yellow and of finest quality.

### Special Offer.

**TWO COLLECTIONS OFFERED ABOVE.**

Mail Size, \$1.00 Postpaid.

4 to 5 foot Trees for \$2.00 by express or freight.

### THE CAPITAL CRAB COLLECTION.

The Six Varieties as Shown in Cut Below.

6 Mail Size Trees for 60c. Postpaid.  
6 Trees 4 to 5 Feet High for \$1.25 by  
Express or Freight at Purchaser's Expense.

A choice assortment, suitable for small city lots village gardens or for farmers and fruit growers who grow for profit. These bear large crops annually, are easily cared for and are as hardy as the native oak thriving in all locations. The great value of this fruit for jelly, marmalade cider, etc., cannot be over estimated.

Transcendent.

Van Wyck

Marengo.



Whitney

Virginia.

Florence.

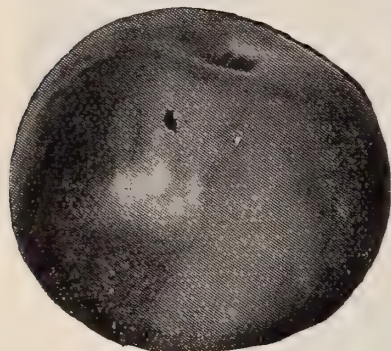




Bismark.

**Gen. Grant.** Fruit of the largest size, bright red, acid, making the finest jelly. The flesh is white, and finely grained, ripens in October. We cannot too highly recommend this splendid variety for general planting, as it seems to possess all the good qualities looked for in a perfect variety. It is one of the largest grown and on this account is preferred by many large growers. As it ripens later in the season than most sorts it comes in at a time when there is a good demand for this fruit and usually commands a better price than early ripening kinds.

**HYSLOP**—Large, deep crimson fruit, very beautiful. The flesh is yellowish; excellent for cider and fine for market.



Martha.

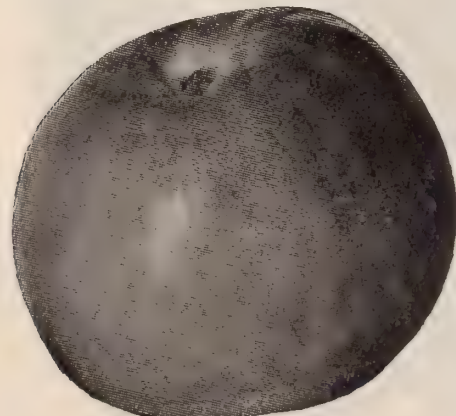
fruit is firm, one and one-half to two inches in diameter, large enough to quarter and core for preserving and drying. It is excellent for sauce and pies and the best of its class for cider. The skin is yellow striped with red. This has long been a standard variety, with many of the growers, and is a highly commendable sort in every particular.

**VIRGINIA**—The fruit is small, round, dull red, dotted with white fine for cider.

**Whitney.** The fruit is extra large, skin smooth, glossy green, striped with red. The flesh is firm, juicy and rich. The tree is extra strong in growth, straight and symmetrical. One of the heaviest yielders in the entire list, and highly prized for cider.

**YELLOW SIBERIAN**—Fruit small, bright orange yellow.

**FLORENCE**—This is a splendid Minnesota variety. The fruit is medium to large, light yellow, heavily streaked with light red. For jelly, as a dessert fruit, marmalade and jams, it is especially good, while its large size and splendid appearance always commands the highest market price. It should be grown by every farmer or fruit grower in the northwest who wants choice fruit for home or market.



Gen. Grant

**Bismark.** This variety was introduced a few years ago from New Zealand and promises to take a most prominent place with the fruit growers of America. It has been thoroughly tested in Russia, Germany, France, England, the United States and Canada and has proven to be a most valuable acquisition to the list of select varieties on account of its extreme hardiness and early fruiting as well as for the high quality of its fruit. The tree bears when only one or two years old and fruits regularly every year thereafter. In some cases it has been grown as a pot plant for table decoration, and is most unique and beautiful with its handsome, rich fruit and dark green foliage. The apples are of the largest size and have a distinct and delicious flavor. Strong, 1-year-old plants, 20c each, 6 for \$1.00, 12 for \$1.75, postpaid.

#### CRAB APPLES.

These trees are perfectly hardy and succeed anywhere. They are ornamental and shade trees as well as splendid fruit producers. They commence to bear when quite young and annually produce large crops of fine fruit, especially prized for jellies, preserves, cider, etc.

**PRICES**—Unless otherwise noted, all varieties will be sold at the following uniform prices: **MAIL SIZE**—15c each, 6 for 75c, 12 for \$1.25, postpaid, 4 to 5 ft. high, 25c each, 6 for \$1.40, 12 for \$2.50, 100 for \$20.00. by express or freight, not prepaid.



Bismark.

**Early Strawberry.** The tree is a vigorous upright, symmetrical grower and very hardy. The fruit is somewhat larger than the Transcendent striped red, crisp and juicy. Fine for eating and for jelly. This is one of the handsomest Crabs grown, and on this account will always command a higher price in the market.



Whitney.

### CHOICE FRUIT COLLECTIONS.

#### VILLAGE COLLECTION No. 1.

- 3 Hardy Apples, 4 to 5 ft., summer, fall and winter varieties.
- 2 Crab Apples, 4 to 5 ft., early and late
- 1 Plum Tree, 5 to 6 ft., our selection
- 1 Cherry Tree, 3 to 4 ft., our selection.
- 25 Strawberry Plants.

The above 32 Plants and Trees for \$1.50, by express or freight.

#### VILLAGE COLLECTION No. 2.

- 3 Hardy Apples, 3 varieties, early, medium and late.
- 1 Crab Apple, our selection
- 1 Rocky Mountain Cherry.
- 25 Strawberry Plants. 30 Plants and Trees for \$1.00, postpaid.

#### FARMERS' FAVORITE COLLECTION No. 3.

- 12 Choice, Hardy Apple Trees, 4 to 5 ft. Early, medium and late—our selection, no 2 alike
- 3 Crab Apples, 4 to 5 ft. Our selection.
- 6 Currant Bushes. Red and white.
- 2 Plum Trees, 5 to 6 ft. 2 good sorts.
- 3 Grapes. Good vines.
- 2 Cherry Trees, 3 to 4 ft. The best kinds.
- 50 Strawberry Plants, 2 good varieties.
- 12 Raspberry Plants. In two kinds.

90 Trees and Plants all properly labeled, carefully packed and shipped by express or freight, for \$4.50, regular price, \$6.50. One half collection for \$2.50. Two collections for \$8.00.

#### FRUIT GROWERS COLLECTION No. 4.

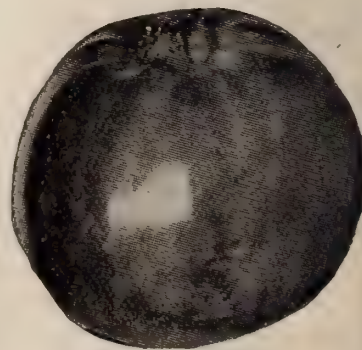
- 25 Apples and Crabs, 4 to 5 ft. 6 distinct kinds, separately labeled
- 100 Strawberry Plants—2 choice varieties.
- 6 Plum Trees, 5 to 6 ft.—3 good sorts.
- 6 Cherry Trees, 3 to 4 ft. Our selection of kinds.
- 24 Raspberry Plants—2 good sorts, red and black.
- 12 Currants—Red and white.
- 4 Grapes—good varieties.
- 6 Gooseberries—2 kinds.
- 25 Asparagus Plants.
- 208 Trees and Plants for \$11.00 by express or freight. One-half collection for \$6.00, 2 Collections for \$20.00.

#### A FEW WORDS FROM CUSTOMERS.

**L. L. May & Co.,** Okeana, Ohio, May 24, 1904.  
Kind Sirs:—I write to say I received the Strawberry Raspberries in due time and will say thanks for your kindness. I will speak in your favor whenever I can. Wishing you success, I close. **Mrs. Gilson Yanger.**

**Belleville, Ill., May 9, 1904.**  
Dear Sir:—We received our trees per order No. 441 and wish to say they are in a fine state and think they will do fine. I thank you very much for your prompt shipment. I will do all I can to introduce your trees and seeds to my neighbors and friends. I remain yours truly,

**Christian Kemper.**



Transcendent.




Lutovka,  $\frac{1}{2}$  Natural Size.

**Lutovka.** This is a Russian variety of the Morello type. The tree is a vigorous grower and very productive. The fruit in color and size resembles the English Morello. The flesh clings tenaciously to the stem and ripens in August; is firm, of mellow quality, with a sprightly acid flavor. Tree very hardy and well adapted to all sections of the country.

**Montmorency.** The tree is very hardy and bears profusely. It fruits while very young and has large crops annually. The fruit is very large and bright shining red. It ripens about the last of June, a week later than the Early Richmond, and is one of the finest varieties. It is successfully grown in all sections of the country, and on account of its large size always commands a good price in the market.

**OSTHEIM**—This variety is very hardy and productive, having been thoroughly tested in our severest winters. The fruit is large, very dark red, tender and juicy, with a sub-acid flavor.

**ROCKY MOUNTAIN**—For illustration and description, see page 70.

**Vladimir.** A very hardy Russian sort, coming from a district 100 miles east of Moscow, where from large tracts of land planted with it, train loads of fruit are sent annually to all parts of Russia. The fruit is larger than Early Richmond, black, with highly colored juice. The flesh is firm and most delicious. It ripens about the middle of July.

**WRAGG**—Very hardy, vigorous and productive. The fruit is dark purple, of medium size, and of most excellent quality.

## PLUMS.

No class of fruit is more universally popular than this, and none yields more readily to care and cultivation, producing large crops of the most luscious fruit imaginable. A rich, strong soil best suits the Plum. Good cultivation and regular fertilizing are very essential to their highest development. The varieties we offer are perfectly hardy everywhere and annually produce large crops of fruit, which is very desirable for preserves. All our Plums are budded on hardy Myrobolan and Native Plum stocks, thus insuring their hardiness and their adaptability to all sections.



Stoddard.

## CHERRIES.

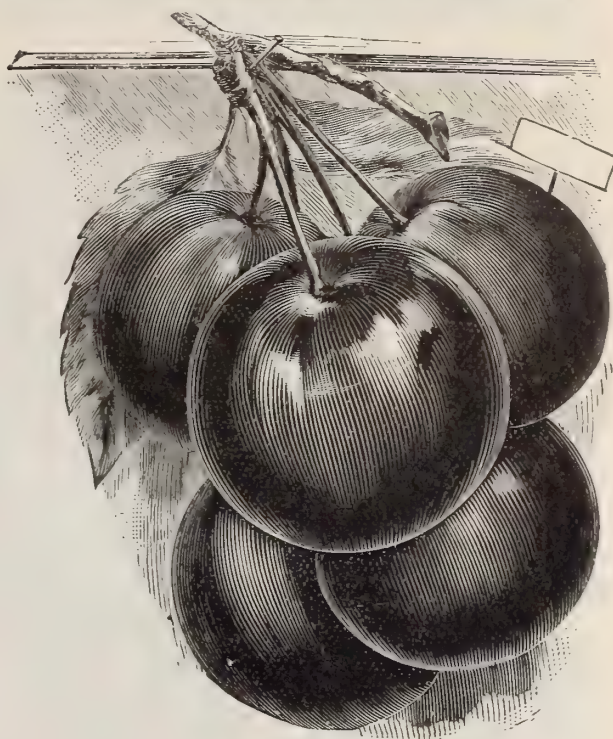
Cherries are naturally hardy and thrive in the driest or lightest soil. We offer this season some standard and hardy varieties which have been thoroughly tested at the State Experimental Farm as well as at our own nurseries, and found to produce the finest fruits of any. In addition to yielding large crops of luscious fruit, they make excellent shade trees for street or lawn planting. Prices (unless otherwise noted) 3 to 4 feet trees, strong and stocky, 30c each, 6 for \$1.50, 12 for \$2.50, by express or freight not prepaid.

**COMPASS**—For illustration and description, see page 70.

**EARLY RICHMOND**—The tree is an excellent grower, with spreading head, and is very productive. The fruit is dark red, melting and juicy, with a sprightly acid flavor. It ripens early and is considered very good.

**ENGLISH MORELLO**—One of the best of the large varieties. The fruit is very dark red, large, rich and acid.

**LATE RICHMOND**—A fine old variety resembling the Early Richmond in shape and color, but ripening three weeks later.


Vladimir Cherry,  $\frac{1}{2}$  Natural Size.


Montmorency.

**FOUR NEW VARIETIES**—Price, 5 to 6 ft. trees, strong and hardy, 50c each, 6 for \$2.75, 12 for \$5.00. The four for \$1.75.

**Cheney.** An unusually good native variety. The tree is of good form and as hardy as the oak. The fruit averages large and is of finest quality. The flesh is very firm, rendering it valuable for shipping purposes. It comes into fruiting early and is a constant and prolific bearer. One of the best and most profitable to grow.

**MILTON**—Another native variety of great merit. The fruit is extra large, roundish oblong, dark red; the skin is thin, the flesh firm and of excellent quality. It is the earliest variety in cultivation.

**Stoddard.** One of the largest native Plums. It is a light pinkish red in color, very handsome with a tough sweet skin and a most delicious flavor. This is highly recommended to large growers, as it ships well, reaches market in a perfect condition, and on account of its fine appearance always commands the highest price.

**SURPRISE**—The tree is a strong upright grower withstanding the most severe winters without injury. The fruit is large, deep red in color, and has good keeping qualities. The flesh is very firm and of an excellent flavor.

## GENERAL COLLECTION OF NATIVE VARIETIES.

5 to 6 ft. trees, 40c each, 6 for \$2.25, 12 for \$4.00, by express or freight, not prepaid.

**DE SOTA**—The fruit is of medium size, dappled red and yellow, ripening in September, and is firm, sweet and juicy. The tree is hardy and productive. Good for general planting and market purposes.

**FOREST GARDEN**—The fruit is very large and round, purplish red, mottled with yellow, juicy, sweet and rich. The tree is clean, healthy, vigorous and productive.

**HAWKEYE**—The tree is hardy, thrifty and an annual bearer. The fruit is large, light in color, mottled with red, of superior quality, very firm and an excellent shipper. It ripens in September.

**ROCKFORD**—The fruit is reddish purple and of medium size. Quality good.

**WEAVER**—Originated in Iowa. The fruit, ripening in August, is large purple. The tree is hardy, thrifty and prolific, and a constant bearer.

**WYANT**—A very popular sort. The fruit is large, oblong, sometimes slightly flattened; a deep, purplish red and of excellent quality. The tree is of bushy growth, thrifty, clean, healthy and productive.

## The Village Fruit Orchard.

10 Trees for \$2.00.

Enough to produce an abundant supply for a family. Easily grown, hardy everywhere.

2 Rocky Mountain Cherries.

1 Early Richmond Cherry, 3 to 4 ft.

1 Vladimir Cherry, 3 to 4 ft.

1 De Sota Plum, 5 to 6 ft.

1 Weaver Plum, 5 to 6 ft.

1 Yellow Transparent Apple, 4 to 5 ft.

2 Wealthy Apples, 4 to 5 ft.

1 Longfield Apple, 4 to 5 ft.

These 10 hardy, productive trees for \$2.00, by express or freight.

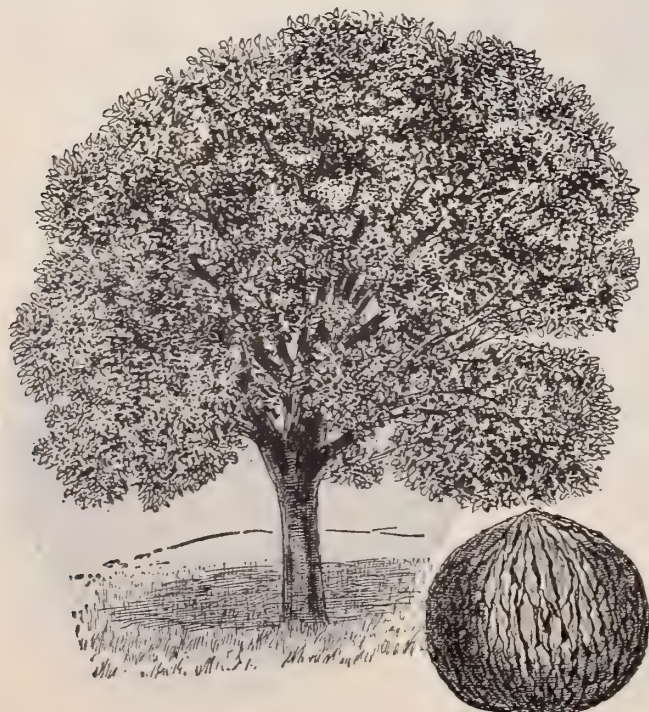


Cheney.





**Compass Cherry.** Absolutely hardy everywhere. Originator's description: This Cherry was originated at Springfield, Minn. It is a cross between the Sand Cherry and the Miner Plum. Nearly an inch in diameter, a bright red, sweet and juicy and of very fine flavor. The tree is absolutely hardy in this severe climate. The original tree bore fruit the third year from the seed and has borne a full crop every year since. The tree is a regular and heavy bearer, and produces fruit the next year after setting out. For exposed situations and for the north and west it is the cherry. 4 to 6 ft trees, 75c each



Black Walnut.



Butternut



American Chestnut.



Filbert.

**Rocky Mountain Cherry.** A fruit for all people and all sections. One of the greatest novelties in the fruit line ever introduced. It bears every year, and is as prolific as a currant bush, 16 quarts having been picked from a three year old tree. Grows to a height of 4 feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size fine flavor and unsurpassed for preserves or eating from the hand; season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and has no equal in the line of pitted fruits, and is conceded superior to any fruit grown in this section. Mailing size, 15c each, 3 for 40c postpaid; 18 to 24 inches 20c each, 3 for 50c.

### Jubilee Fruit Collection.

- 1 Extra Fine Early Ripening, Hardy Apple, 4 to 5 ft.
- 1 Extra Fine Fall Ripening, Hardy Apple, 4 to 5 ft.
- 2 Extra fine Winter Ripening, Hardy Apples 4 to 5 ft.
- 4 Extra Fine Choice Sorts Hardy Crab Apples 4 to 5 ft.
- 2 Extra Fine Choice Sorts Hardy Plums, 4 to 5 ft.
- 2 Extra Fine Strong, Minnesota Grown Russian Mulberries, 4 to 5 ft.
- 2 Extra Fine Choice Hardy Cherries, 2 kinds.
- 1 Extra Strong Rocky Mountain Cherry, 2 years old.
- 1 Extra Strong Highbush Cranberry, 3 years old.
- 6 Extra Strong Blackberries, 2 hardy sorts.
- 12 Extra Strong Red Raspberries, 3 of the best kinds.
- 6 Extra Strong Black Raspberries, 2 of the best kinds.
- 4 Extra Strong Yellow Raspberries.
- 2 Extra Fine Red Currants.
- 2 Extra Fine White Currants.
- 2 Extra Fine Black Currants.
- 4 Extra Fine Grape Vines, 2 years old, 2 extra good hardy varieties.
- 25 Extra Fine Asparagus Roots, strong, large, 2 years old.
- 6 Extra Fine Rhubarb, large, undivided roots.

We intend to give you such good stock in the above collection that you will never forget the firm of L. L. May & Co., and will forever after this order your requirements in seeds, plants, nursery stock, etc., from us. All of this stock has been grown with the greatest care, will be carefully packed in the most approved manner and will surprise and delight you when you receive it.

**85 Strong.** Healthy Trees and Roots, all grown in the most Northern nurseries in America, for \$3.95 by express or freight, not prepaid.

**Nut Bearing Trees.** Nut culture is an industry that, until recently, has received but little attention by American planters. Probably no branch of tree cultivation pays larger profits or offers better inducements to planters than this, while most kinds are growing into valuable timber trees that will of themselves pay large dividends on the investment.

**AMERICAN SWEET CHESTNUTS**—These grow rapidly and in a few years attain a large size. A valuable native tree equally as useful as ornamental, the nuts are of sweet, tender flavor. The timber is very desirable and possesses a fine surface for oil finish. Shrubs only 30c each, 3 for 75c, by express.

**HORSE CHESTNUT**—For illustration and description see page 80.

**FILBERTS OR HAZELNUTS**—These are of easy culture, of dwarf habit, hardy, yielding abundantly. They come into bearing early and are most satisfactory for profit or pleasure.

**AMERICAN HAZELNUT**—The nut is nearly round, most deliciously sweet and rich. Mail size, 15c each, 3 for 35c, postpaid. 2 to 3 ft., 35c each, 3 for 90c, by express.

**WALNUT, BLACK**—A well-known winter variety, being valuable for its timber, commanding a very high price on the market. The tree is large and majestic, rich in foliage, making a most beautiful shade tree. It bears profusely, the nuts being large and round, very sweet and delicious. Mailing size, 15c each, 3 for 40c, postpaid. 5 to 6 ft., 50c each, 3 for \$1.25.

**BUTTERNUT, OR WHITE WALNUT**—Hardy everywhere, well-known and popular. The nuts are larger than the black, oily and nutritious, with very delicate flavor. The tree is lofty and spreading in growth, valuable for timber. Mailing size, 15c each, 3 for 40c. 5 to 6 ft., 50c each, 3 for \$1.25.

Don't fail to read about  
The Guaranteed Apple  
**THE FAMOUS  
MINNETONKA.**





### High Bush Cranberry.

This is a very ornamental plant, the foliage being dense and dark green. The flowers, which are pure white, hang in large showy clusters in early summer, which are followed by scarlet berries that remain on the plant all winter. The fruit is acid in flavor like the Common Cranberry and is highly esteemed for jellies, pies, etc., being fully equal in quality to the low bush or swamp variety. It is extremely hardy, thrives well everywhere, naturally forming well shaped bushy tops with little or no training; has handsome, clean, attractive foliage at all times and is one of the most desirable lawn plants we know of. On account of the acidity of the fruit birds will not touch it. It is extensively grown in many of the large parks and cemeteries, and is considered one of the very best hardy plants for general cultivation. The bush is easily trained, growing compact, bushy heads. We know of no plant which will approach it in beauty and usefulness.

Mail size, 10c each, 3 for 25c postpaid. 3 to 4 feet, 45c each, 3 for \$1.10.



Eleagnus Longipes.



Juneberry.

### Eleagnus Longipes.

(Japanese Olive.) This is a beautiful shrub about 5 to 6 feet in height. The foliage is bright green above and silvery white beneath. It blossoms abundantly in May, the pale yellow flowers hanging in wreaths on the bush. These are followed by brilliant scarlet berries, olive shaped, about the size of large currants, which ripen in July. They have an excellent flavor, are rich, juicy and sprightly and are very good for preserves, jelly, etc. The bush is very hardy and withstands cold, heat and drouth remarkably well. In winter the reddish brown bark renders the plant very attractive. Mail size 15c each, 3 for 40c postpaid; 2 to 3 feet 35c each, 3 for \$1.00 by express not prepaid.

### Special Offer.

ONE PLANT OF EACH OF THE SPECIALTIES NAMED ON THIS PAGE FOR \$1.15 BY EXPRESS, NOT PREPAID.

**Improved Dwarf Juneberry.** This fruit is a native of the most ironclad hardness. It is a quick grower, forming dense clumps of bushes which bloom and bear heavily when only one or two feet in height. The berries are the size of ordinary cherries, being green in an unripe state, changing to bright scarlet, and, when fully ripe, to a dark purple blue, and as the three colors hang in clusters upon a bush they present a most charming and appetizing sight. After the berry is fully ripe it will keep on the bush in perfect condition for two or three weeks without decaying or dropping. It is exceedingly sweet and has a peculiarly rich and luscious flavor. Aside from its value as a fruit it is one of the most showy flowering shrubs, as it blooms very early in the spring—before leaves start—and every stem and branch of the bush is a solid wreath of delicate feathery whiteness, so numerous are the flowers. On account of its extreme hardness, its quick growth, its valuable fruit and its handsome appearance as a shrub on the lawn, we consider this one of the most valuable acquisitions of recent years. 15c each, \$1.50 per doz. postpaid.

### Novelty Fruit Collection.

Contains choice plants, which combine ornament with usefulness, forming fine shrubs on the lawn and fine fruit for kitchen use

- 1 High Bush Cranberry.
- 1 Juneberry.
- 1 Russian Mulberry.
- 11 Choice Plants for \$1.00, postpaid.
- 2 Rocky Mountain Cherries.
- 2 American Filberts.
- 4 Strawberry Raspberry.
- Regular value, \$1.60.



### Russian Olive.

This is a native of the plains of the Northwest. Drouth, heat or cold do not affect it in the least. It has been highly recommended for farm hedges; by cutting back each season it forms a dense, compact hedge of beautiful appearance. The foliage is silvery white; the flowers are small, yellow, produced in great profusion. The fruit, which is produced in large quantities, resembles red currants, and remains on the plant a long time before dropping. Mail size, 10c, 3 for 25c postpaid. 18 to 24 inches, 15c each, 3 for 40c, 6 for 75c by express.

### Buffalo Berry.

This is a hardy fruit discovered on the banks of the Missouri in the Dakotas. It is a handsome shrub, as well as a splendid fruit, growing to a height of from 8 to 12 feet.

The fruit is borne in clusters resembling great clusters of currants and cannot be surpassed for preserving, jellies, pies, etc. It continues fruiting all summer and can be gathered at any time. In some localities it is being extensively planted for ornamental purposes and to attract the birds, as its fruit is eagerly devoured by them. 3 to 4 ft., 50c each, 3 for \$1.25, by express.



Buffalo Berry





**Improved Russian Mulberry.** An ornamental, hardy, fruit bearing tree for America. Suitable for all sections of this country. Fruit larger than blackberries and of delicious flavor. This valuable fruit and ornamental tree was brought to this country from Western Russia by the Mennonites. The tree is a very rapid grower. It grows to be very large, often reaching the height of fifty feet, and from three to five feet in diameter, and is perfectly hardy. It commences to bear when only two years old, and is a prolific bearer, the fruit being larger than the average blackberry. The fruit has a fine, aromatic flavor and sub-acid, sweet taste, and is used for dessert as we use blackberries or raspberries. A beautiful quick growing tree for the lawn, while the fruit is valuable for table use. In all our experience we have found no fruit so admirably adapted to all parts of the West and Northwest. Mail size, 15c each, 3 for 30c, 6 for 50c, postpaid. 3 for 60c, 6 for \$1.00, by express or freight, not prepaid.

## THE SURPRISE COLLECTION OF PLANTS, FRUITS AND NUTS.

This collection contains a complete assortment of small fruits, Asparagus and Rhubarb, and is intended for small city and town gardens. We have also put in two American Filberts, which are perfectly hardy everywhere and will please the children, for they will soon produce enough nuts for a family. We know it will surprise you, for no firm in America ever shipped out as large and as good a collection as this for the money. Will you send us \$1.95 and allow us to surprise you?

### 51 PLANTS, ROOTS AND NUT TREES FOR ONLY \$1.95 POSTPAID.

- 2 AMERICAN FILBERTS. Our hardiest native nut tree.
  - 12 RED RASPBERRIES. In two leading varieties.
  - 12 STRAWBERRY PLANTS. Two valuable sorts.
  - 2 GRAPE VINES. Strong, 1-year-old plants.
  - 12 ASPARAGUS ROOTS. Easily grown and a very healthful food.
  - 6 RHUBARB ROOTS. Will provide plenty of pie and sauce material for a family of 6.
  - 1 RED CURRANT BUSH. Highly esteemed by all housewives.
  - 1 WHITE CURRANT BUSH. Nothing finer for jellies, pies, etc.
  - 1 ROCKY MOUNTAIN CHERRY TREE. Immensely productive.
  - 2 STRAWBERRY RASPBERRIES. The finest novelty of the century.
- 15 EXTRA STRONG, HEALTHY PLANTS AND ROOTS FOR \$1.95 POSTPAID. REGULAR PRICE OVER \$3.00.**

Parties living on rural mail routes as well as those far distant from Railroad points will find this an exceptional offer, as you get a whole garden laid at your door for what it would cost to go to the freight office.

**Strawberry Raspberry.** Or Tree Strawberry. A very beautiful fruit from Japan. Bush from 18 inches to 2 feet in height, entirely hardy and impervious to heat and drouth. The berries are larger than the largest strawberries, bright shining scarlet with an exquisite bloom. We have tested it at our nurseries and found it makes delicious jelly, jams and tarts, having a delicious flavor entirely different from any other fruit. An immense yielder, producing regularly and abundantly. It bears the first season and gets larger and stronger each year. All lovers of fruit should give it a trial. It will both surprise and please you. The illustration herewith is a true reproduction from life. Price, 10c each, 3 for 25c, 6 for 45c, 12 for 80c, postpaid.

**Asparagus.** This delicious vegetable would be more extensively grown if it were not for the mistaken idea that it is difficult to cultivate. There is nothing in the whole line of vegetables of easier culture and once established, a bed will last for many years. Can be cut and used the second season after planting and a bed properly made and cared for will last for many years without replanting.

Our leaflet on Asparagus Culture will be sent free with every order for roots or seed, or mailed to any one on application. We have grown an immense stock of fine roots which we offer at exceptionally low figures. Prices, 1-year-old roots, 25c per doz., 50 for 60c, postpaid. 2-year-old roots, 35c per doz., postpaid; \$1.00 per 100, \$7.50 per 1,000, by express or freight.

**BARR'S MAMMOTH**—Quick growing, large and tender.

**COLUMBIAN WHITE**—A handsome, large, white variety of unsurpassed quality.

**CONOVER'S COLOSSAL**—A standard variety of large size, tender and of most excellent quality.

**PALMETTO**—The earliest grown, of even, regular size, and excellent quality.



Columbia White Mammoth.

**Rhubarb Roots.** Every good housewife should have a supply of Rhubarb or "Pie Plant" for early spring use when other fresh pie material is hard to obtain. The plants are easily grown, require but little space, no after culture and soon form large heads or stools. They will thrive in any corner or out of the way place, are perfectly hardy and can be had so cheaply that every one with a square foot or two of garden should have some. Mail size, 10c each, 3 for 25c, 6 for 45c, postpaid. Large clumps by express or freight, 25c each, 3 for 60c, 5 for \$1.00.

**Horse Radish.** Easily grown from cuttings. A most valuable addition to any garden. Once planted, remain forever, growing larger and stronger each year. 6 for 15c, 12 for 25c, postpaid.

### Holt's Mammoth Sage.

Should be found in every garden. Unexcelled for flavoring, easily grown and always desirable. The plants are of strong growth, bearing large leaves well above the ground, which are of unusual substance, strong flavor and superior quality. 10c each, 3 for 25c, postpaid.

L. L. May & Co.,

Dear Sirs:—I received my strawberries, raspberries and Montmorency Vine in good condition and thank you for your favor.

Yours truly,  
Wm. Herbert.



Strawberry Raspberry.



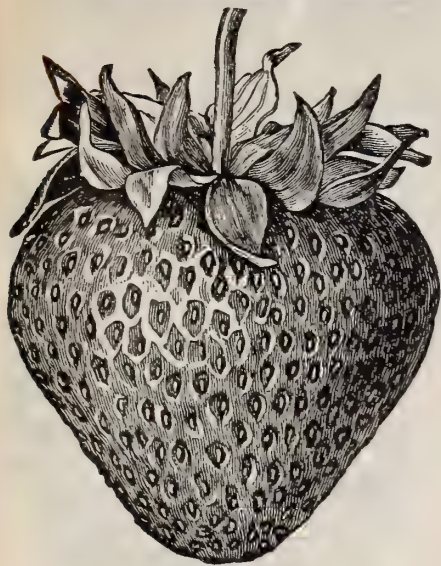
## NEW AND VALUABLE STRAWBERRIES.

These delight in good, rich soil, but will grow on any soil capable of growing good general crops. By planting early, medium and late varieties, the grower is supplied with fruit the entire season. As a fertilizer we recommend well rotted barnyard manure as superior to all others.

For field culture plant in rows  $3\frac{1}{2}$  feet apart, 18 inches apart in the rows. For garden culture 18 inches apart each way, leaving a pathway every third row.

After the ground is frozen in the fall, give a very light covering of leaves or straw, just enough to shade the plants, to keep the soil from thawing and freezing when the sun shines. Remove the covering in early spring when the plants begin to grow. If part of this covering is left between the rows, it will act as a mulch and help to keep the fruit clean.

**Perfect and Imperfect Blossoms:** The varieties marked "P" have perfect blossoms and will bear fruit abundantly without being mixed with other varieties. The varieties marked "X" have imperfect flowers and should be mixed or planted alongside other varieties. We are growing Strawberry plants for our customers with the utmost care and selection. Thousands of testimonials of the great success and large profits have been sent to us from customers who have received our **Selected Plants** in the past. We only offer a small list of varieties, but they are the choicest and cream of all and have been thoroughly tested in our nurseries.



Joe.



Rough Rider.

**PLEASE NOTICE**—Not less than 6 of any variety are sold at prices quoted. Price, by mail postpaid, 6 strong plants for 20c, 12 for 30c, 25 for 50c, 50 for 85c. Price, by freight or express, not prepaid, 50 for 45c, 100 for 75c, 500 for \$3.25, 1,000 for \$5.50.

**BEDERWOOD**—P. This variety yields enormously and produces large perfectly formed berries of a light scarlet color and fine flavor.

**ENHANCE**—P. This variety is especially valuable for market and shipping. The fruit is large, deep scarlet, firm and fine luscious flavor; very productive and hardy.

**Joe**. P. Strong, beautiful plant. Multiplies rapidly. The berries are large, brilliant, glossy red, conical in form, borne well up off the ground on strong stems; of good quality; medium to late. One of the very finest we have ever sent out and bound to succeed everywhere.

**Lovett**. P. This plant is very large, the berries measuring 9 to 12 inches across, on stems one foot long. The berries are produced in clusters of 8 to 10. They are globular, lightly conical, brilliant red; ripen uniformly to the tip and are very large and of delicious flavor. The season is 10 days later than that of other sorts and it yields prodigiously. For general market purposes it has no superior, as it ships well, opens up in fine shape and on account of its large size is eagerly sought for by the buyers.

**Michels Early**. P. First and earliest of its kind. It is strong, hardy and productive. The berries are bright crimson, medium size, full and round and most delicious flavor, ripening before all others. For the first early this sort is invaluable and should be largely planted by all growers.

**RIO**—This is an extra early variety, a very heavy bearer. The berries are large and dark red, very promising, with a fine flavor.

**Rough Rider**. P. Enormously productive and hardy. Berries very large, round, somewhat flattened and pointed, dark red in color. Stock from our own growing. One of the best late Strawberry varieties. We highly recommend this as the best sort for late ripening. It is a good shipper, a good cropper, of good flavor and comes in late, thus prolonging the season.

**SPLENDID**—P. True to its name, this berry is very handsome, larger than the average, and of excellent quality, rich red in color, very firm and can be shipped great distances.

**WM. BELT**—P. Vigorous, heavy plant, very thrifty and productive. The berries are large, conical, uniform in shape and glossy crimson. They ripen all, without green tips, of good quality, flavor, and an excellent market and shipping berry.

**Warfield**. X. Far the best and most profitable Strawberry on the market. It is unsurpassed for shipping on account of its firmness and great beauty. It is very productive and vigorous. The berries are large, deep crimson and of a most exquisite flavor. It ripens very early and is superceding many other varieties for market purposes. Planted with Enhance it will be found by far the most prolific of all varieties.

**Eureka**. P. In fields where other varieties were totally killed by frost, this sort produced a full crop of fruit. The berry is very large, of a bright crimson color, of firm texture and most delicate flavor. It ripens very late and this alone should recommend it to the large growers for market purposes.

**Challenge**. P. This is essentially a market berry. It is immensely productive, of the largest size, of good color, quality and appearance, and a splendid shipper. For resisting drouth we believe it has no superior and very few, if any, equals. It is of fine flavor and color, firm and ships perfectly almost any distance. During the awful drouth of 1901, when all vegetation seemed to dry up in the intense heat, the Challenge stood up in fine shape, never drying up in the least.

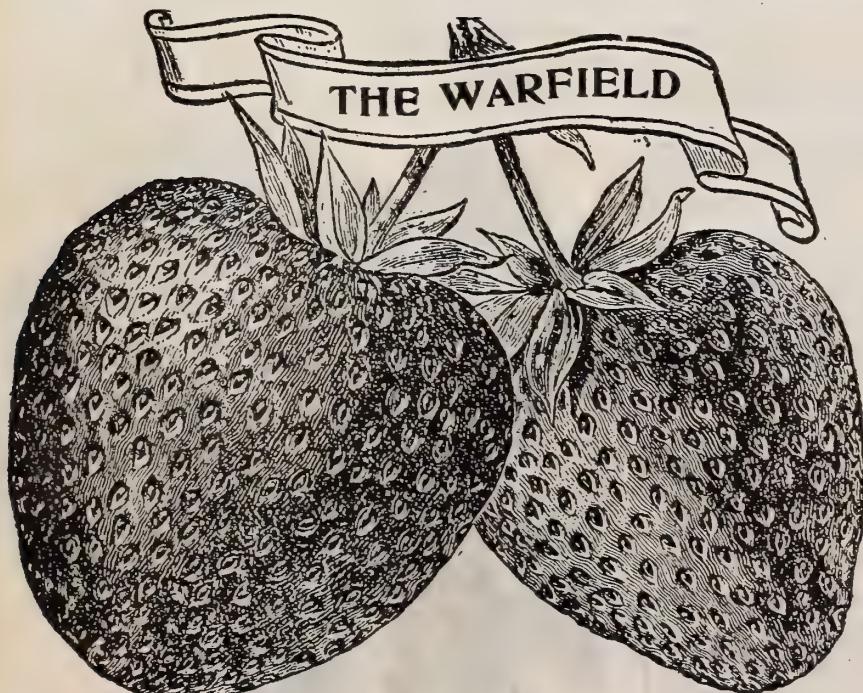
P. **CLYDE**—The fruit is large, firm, never varies from its regular conical shape and holds its size to the end of the season.

X. **CRESCENT SEEDLING**—Medium size, bright scarlet, plant very vigorous and hardy.



Michel's Early.

Remember our plants are strong, of first quality, carefully packed and true to name.



### CITY GARDEN COLLECTION.

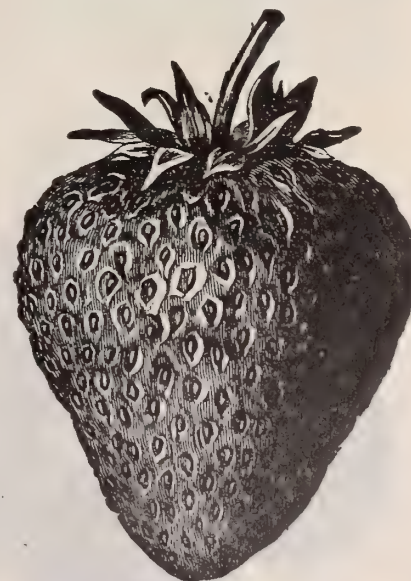
25 Bederwood,  
25 Enhance,  
25 Michel's Early,  
25 Rough Rider.

100 plants, \$1.00 postpaid.

This collection is intended for people with small city lots who wish enough fruit for their own table use during the season.

Price, of any of the varieties listed here, by mail, postpaid, 6 strong plants for 20c, 12 for 30c, 25 for 50c, 50 for 85c. Price, by freight or express, not prepaid, 50 for 45c, 100 for 75c, 500 for \$3.25, 1,000 for \$5.50.

**Special Offer.** We will send 12 plants of any 10 of the above named varieties, all properly labeled, making 120 extra strong plants for \$2.25 by mail postpaid, or by express or freight, not prepaid, for \$1.75.



Lovett.



## RASPBERRIES.

Of all the fruits grown by the amateur or professional, none will give greater returns for the time and money expended than these. They thrive well everywhere and produce enormous crops of fruit, which always sells at good prices. We believe there is no surer road to fortune for any young farmer residing near any of the large cities of the country, than to plant several acres of small fruits for market purposes. The earliest and latest ripening varieties are usually the most profitable, though mid-season sorts should also be planted to give a succession throughout the fruiting season.

**CULTURE**—Plant in rows about four feet apart and 18 inches apart in the row; give a light mulching of barnyard manure every fall or winter, and cut out all old and weak growth, preserving only the strongest shoots for planting the following season. We send out only extra strong, healthy plants, which will give good results and satisfaction to our customers, under ordinary good care and condition.

## GENERAL LIST OF RED SORTS.

The canes of all these varieties should be cut back to about 6 or 8 inches above the ground immediately after planting and cultivated thoroughly throughout the growing season. Price, unless otherwise noted, 10c each, 6 for 45c, 12 for 75c, 25 for \$1.30, postpaid. By express or freight, 25 for 80c, 50 for \$1.25, 100 for \$2.00, 500 for \$8.50, 1,000 for \$15.00. We will be pleased to quote prices on larger quantities than quoted herein.

**Black Hills.** A very hardy variety, which has stood the severe test of a Northwest winter at our nurseries without any protection and surpasses nearly all other varieties in yield, length of season and flavor. The fruit is rich red in color, very large and of most delicious quality. It originated in "Dakota" and experimenting. It yields about 800 quarts to the acre. 15c each, 3 for 35c, 6 for 60c, 12 for \$1.00.



Black Hills.

ments on our nurseries have convinced us that it is to be highly recommended to large planters and those wishing to grow a perfect market fruit, on account of the enormity and duration of the harvest and because it brings a higher price than most other sorts. 15c each, 3 for 35c, 6 for 60c, 12 for \$1.00 postpaid. By express or freight, 25 for \$1.00, 50 for \$1.50, 100 for \$2.50.

**Columbian.** (See Berry opposite page.) A very hardy variety, the canes growing from 12 to 15 feet in length, many being 1 inch in diameter. The fruit is dark red, very large and firm, juicy, and of delicious flavor. It does not drop from the bush and is excellent for shipping. It yields about 800 quarts to the acre.



Golden Queen.

**CULTBERT**—A standard hardy variety, enduring Northern winters and Southern summers equally well. The berries are large, 3 inches around, conical, rich crimson color, and so firm they can be shipped hundreds of miles.

**King.** A good hardy variety, considered by many the best early red Raspberry in the market. It is very productive, the berries being large and firm, bright scarlet, excellent shippers, and ripening earliest of any. The plant is a strong grower and very hardy.

**Japanese Wineberry.** (Raspberry.) An ornamental as well as a fruit plant. The canes are large and covered with purplish red hairs extending to the extremity of the stem. The leaves are dark green and silvery gray beneath. The fruit is borne in clusters; each berry is at first enveloped by a large calyx, forming a sort of burr, and so thickly covered with purplish red hairs as to give the appearance of a Moss Rosebud. These open and turn back, exposing the fruit as it ripens. The berries are of medium size, translucent, shading from amber to crimson, and to a dark wine color when ripe. They are fresh and have a brisk sub-acid flavor, retaining the flavor when cooked, and are delicious for preserves, jellies, etc. The plant is also very hardy and robust. 15c each, 3 for 35c, 6 for 60c, 12 for \$1.00, postpaid.

**RELIANCE**—An old and valuable variety, a good grower and bears well. The fruit is large, round, dark red, with a delicious, slightly acid flavor.

**RANCOCAS**—A very productive mid-season variety. The fruit is bright red, good flavor, and ripens very evenly.

**Shaffer's Colossal.** One of the largest berries in both fruit and plant on the market. Especially adapted for the south. It does excellently in our nurseries. The berries are very large and handsome, of a deep purplish red, with a most luscious and peculiarly sweet flavor. It ripens rather late in the season when the others have stopped bearing.

**TURNER**—A very productive and hardy variety. The berry is very handsome, large, bright red and of excellent flavor.

**Golden Queen.** A beautiful, large, golden yellow attractive berry. A seedling of the Cuthbert, surpassing it in size, beauty, and productivity, adaptability, flavor and hardiness. The canes are extremely hardy and of strong growth. It meets the desire for a yellow Raspberry, combined with vigorous growth and perfect hardiness. The fruit brings a higher market price than does that of the red berries on account of the peculiarity of color and flavor.

**MARLBORO**—Vigorous and productive. The fruit is of large size, light crimson color, firm and good quality. A good, well-tested, early berry for the North.

**MILLER'S RED**—A thoroughly reliable variety of vigorous growth. The canes reach a height of 6 feet and do not winter kill in the least. The berries are of large size and handsome appearance, firm and delicate flavor. They begin to ripen about the middle of June and continue until August.

**PRICE** by mail, postpaid, 10c each, 6 for 45c, 12 for 75c, 25 for \$1.30. By express or freight, not prepaid, 25 for 80c, 50 for \$1.25, 100 for \$2.00, 500 for \$8.50, 1,000 for \$15.00. Ask for our special price on large quantities.

**SPECIAL OFFER**—We will send 6 extra strong plants of the above named 12 varieties, making 72 strong plants, all properly named, for \$3.25 postpaid, or for \$2.50 by express or freight, not prepaid.



King.



Japanese Wineberry.



Shaffers.





LOUDON.

**Loudon.** Red. We particularly wish to recommend this as one of the finest on the market. It is a Northern variety, originated by F. W. Loudon, of Wisconsin, who says: "The Loudon is a seedling of Turner, crossed with Cuthbert. Berries are large, color beautiful. It yields 200 bushels to the acre, and may be shipped to New Orleans in good shape." In addition to this we wish to add that we have tried it at our nurseries and it has stood the past very severe winters without the least protection, and without injury. There is no finer red grown and none more profitable **PRICE, 10c each, 6 for 45c, 12 for 75c, 25 for \$1.30, postpaid.** By express or freight, 25 for 80c, 50 for \$1.25, 100 for \$2.00, 500 for \$8.50, 1,000 \$15.00.



MAYFIELD PRIZE.

**Northwestern Small Fruit Collection.** These are all tested, hardy sorts, which are sure to thrive and produce bounteous crops everywhere. We have selected the very best sorts and offer them with the assurance that they will give our customers entire satisfaction. Who does not long for health-giving fresh fruit?

- 6 Black Hills Raspberries, 60c.
- 6 Mayfield Prize Raspberries—The best black variety, 60c.
- 6 Giant Ruby Currants—A magnificent red sort, 75c.
- 3 White Wine Currants—An elegant white variety, 40c.
- 3 Downing Gooseberries—Large pale green, 25c.

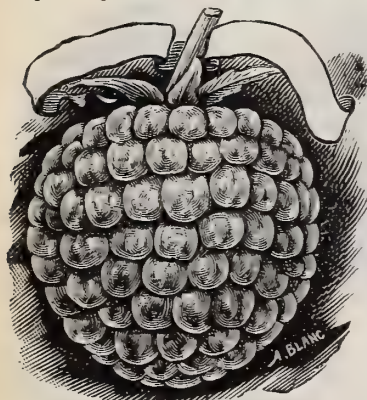
3 Collections for \$5.00.

- 3 Houghton Gooseberries—Standard red sort, 25c.
- 25 Splendid Strawberries—Large, firm, good shipper, 25c.
- 25 Michels Early Strawberries—The earliest grown, 25c.
- 77 Plants—Enough for a home garden, for \$2.00, postpaid.

7 Collections for \$10.00, by express, at your expense.

**General List of Black Raspberries.** For many purposes and by many persons the black Raspberries, commonly termed "Black Caps," are preferred to the red. For shipping purposes they carry much better and carry longer distances than the red. They are generally preferred for canning and often for table use, while for jams they are unsurpassed. We grow a limited number of varieties, those which we consider the very best for general culture. While many other good kinds are on the market our customers will make no mistake by planting these, as our list is the **Cream of the Lot.**

**PRICES, unless otherwise noted, 10c each, 3 for 25c, 6 for 45c, 12 for 80c, 25 for \$1.40, postpaid.** By express or freight, 25 for 80c, 50 for \$1.25, 100 for \$2.00, 1,000 for \$15.00.



COLUMBIAN

**Mayfield Prize.** This variety is perfectly hardy, withstanding our severe winters without the least damage, as well as the extreme heat of Southern States. It is extremely early, making it invaluable to fruit growers and others who want a good fruit for the early market. The berries are of good size, firm texture and great keeping qualities. Its appearance is most handsome, being a deep glossy, jet black, nearly free from bloom. On the market in competition with other standard varieties it commands a much higher price and is always most eagerly sought after by the best trade. Planters who want an early berry, a handsome berry, a good berry, a productive berry and a profitable one to grow should not fail to plant this peerless sort. **15c each, 3 for 35c, 6 for 60c, 12 for \$1.00, postpaid.** By express or freight, 25 for \$1.00, 50 for \$1.75, 100 for \$3.00.

**Cumberland.**

(See Cut.) A valuable acquisition among black Raspberries. With its greatly superior size, it combines the equally valuable characteristics of great firmness, splendid quality and wonderful productiveness. The plants are entirely hardy, very vigorous and healthful, and seem entirely unaffected by either anthracnose or yellow blight. In season of ripening it follows Souhegan and precedes Gregg a short time, making a mid-season variety. Under equal conditions, Cumberland will yield 2,000 quarts per acre more than Gregg and 1,000 more than Ohio. The Cumberland has yielded a good crop when Cuthbert and Gregg were both frozen to the ground. In vigor of growth the Cumberland stands at the head. It forms a strong upright bush, throwing up stiff, stocky shoots, well calculated to bear up their immense loads of fruit. Fresh fruit of the Cumberland has sold for 3 to 5 cents per quart more than could be secured for Gregg, and 6 to 7 cents per quart more than could be secured for Ohio on account of its superior size. **15c each, 3 for 35c, 6 for 60c, 12 for \$1.00, postpaid.** By express or freight, 25 for \$1.00, 50 for \$1.75, 100 for \$3.00.

**Gregg.** berries are large, covered with heavy bloom, firm, meaty and of fine flavor; it requires a good strong soil to produce the best results; it is by far the best late Black Cap and the largest of any.

**KANSAS**—Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Early ripens just after Palmer. Berries size of free from bloom; firm, of best quality; presents a handsome appearance and brings highest price in market.

**MAMMOTH CLUSTER**—A well-known old variety, yet retained for its high quality and productiveness; rich and juicy with much bloom; canes strong and vigorous; medium to late.

**NEMAHA**—It is large, round, firm, juicy, and of better quality than Gregg, especially in the Northwest. It is perfectly hardy everywhere, very productive, of most excellent quality and always produces large, even-sized berries, which command the highest market price.

**PALMER'S**—The first to ripen; fruit good size and quality; canes wonderfully productive, vigorous and hardy, ripens its crops in a short time.

**OHIO**—A very strong growing, hardy sort, producing fruit which is much esteemed for drying. The berries average large, are very firm, of good quality and ship well. Its season is medium, thus keeping up a good supply of fruit between the early and late varieties. Always sure to produce a good crop each year.

### Fruit Growers Collection of Raspberries

For general planting, for market purposes, the following collection is unsurpassed. It combines hardiness of plant, beauty and firmness of fruit, great productiveness and superior quality. For home use or for the market it is equally good and contains extra values as well as choicest plants.

50 BLACK HILLS.....	Regular price, \$1.50
50 KING—Early.....	" " 1.25
50 GOLDEN QUEEN.....	" " 1.25
50 LOUDON.....	" " 1.25
50 MAYFIELD PRIZE.....	" " 1.75
50 GREGG.....	1.25

300 Plants for \$5.50, regular price \$8.25; One-half Collection for \$3.00; 2 Collections for \$10.00; 3 Collections for \$14.00. No better collection was ever offered by any firm while the price places them within reach of all who wish to grow for profit or pleasure.



CUMBERLAND.



GREGG.



## BLACKBERRIES.

This excellent and profitable fruit should be planted in rows 5 feet apart. Give the plant the same cultivation as Raspberries.

**PRICE**—Unless otherwise quoted, 10c each, 6 for 45c 12 for 75c, 25 for \$1.25, postpaid. By express or freight, not prepaid, 25 for 80c, 50 for \$1.25, 100 for \$2.00, 1,000 for \$15.00.

**Special Offer.** We will send 6 strong plants of the 7 varieties, including the Loganberry, making 42 strong plants all properly marked, for \$2.25, postpaid; or \$1.75 by express or freight, at purchasers expense.

**Ancient Briton.** This is recommended for sections subject to severe winters; is hardy, vigorous and healthy, produces large crops of good sized berries of luscious flavor that bear shipping well and bring largest market price.

**Austin's Improved Dewberry.** (See cut.) The following extract from *American Gardening* describes this variety better than we possibly can: "The berries are much larger than those of any other Dewberry or Blackberry. It requires no trellises or stakes and can easily be trained into tree form. The fruit is jet black and of superior flavor. For productiveness it out- rivals all Dewberries or Blackberries, as high as \$966 per acre having been realized from this fruit, selling at 15 cents per quart. 15c each, 3 for 35c 6 for 60c, 12 for \$1.00, postpaid.



**Eldorado.** This valuable variety is an accidental seedling, found in Ohio about 15 years ago. The plants are very vigorous and hardy, enduring the cold winters of the Northwest without the least injury; very productive. The berries are very large, jet black, borne in clusters and ripening well together. They are very sweet, melting and pleasant to the taste, have no hard core and sell at from 2 to 4 cents a quart more than Snyder and other standard sorts.

**The New Logan Berry.** (Blackberry Raspberry.) A wonderful fruit. This excellent berry has been tested at our nurseries for several years and found to be a strong, vigorous grower, hardy and a valuable addition to our small fruits. It originated in California and is a true hybrid, between the Raspberry and Blackberry, partaking of the nature of both in appearance and quality, but is finer and more delightful. It bears abundantly, the berries are the size of the largest blackberries, and a rich dark purple red in color. They have few seeds, ripen early (before Black Berries) and are of such excellent quality for cooking and eating that they have brought four times the price of other berries, and will continue high for several years. It is a good keeper and shipper, remaining firm a long time after being picked. 15c each, 3 for 40c, 6 for 70c, 12 for \$1.25, postpaid. By express or freight, 12 for \$1.00, 25 for \$1.75.

**Rathbun.** A strong, erect grower, branching freely. Will root from tips of branches like a raspberry. It is very hardy, having endured 20 below zero without injury. Forms a compact bush, 4 to 5 ft. high, and is very productive. Fruit is of largest size, sweet and delicious without the hard core so common in most blackberries; jet black, with small seeds and firm enough to handle and ship well. 15c each, 3 for 35c, 6 for 60c, 12 for \$1.00, postpaid.

**STONES HARDY**—This originated in Wisconsin and is very hardy, sweet and productive weighing down the strong canes with immense crops of delicious fruit.

**May's Surprise.** This is one of the hardiest, earliest and most productive varieties. The fruit is very large, glossy black, and of fine substance and flavor. An ideal shipping variety. Desirable for canning and preserving on account of its rich flavor good form, and its coreless nature. It is our own introduction of 4 years ago and each season confirms our above statements. You will make no mistake in planting May's Surprise. Its fine fruit always commands the highest market price and wherever introduced the demand for it has been very great. Our own tests at the nurseries prove it to be hardy, productive and second to none in quality.

### Northwestern Small Fruit Collection.

These are all tested, hardy sorts which are sure to thrive and produce bounteous crops everywhere. We have selected the very best sorts and offer them with the assurance that they will give our customers entire satisfaction.

Who does not long for health-giving fresh fruit?

6 Black Hills Raspberries, 25c.  
6 Mayfield Prize Raspberries—The best black variety, 25c.  
6 Giant Ruby Currants—A magnificent red sort, 75c.  
3 White Wine Currants—An elegant white variety, 40c.  
3 Downing Gooseberries—Large, pale green, 25c.  
3 Surprise Blackberries, 25c.  
25 Splendid Strawberries—Large, firm, good shipper, 25c.  
25 Michels Early Strawberries—The earliest grown, 25c.  
77 Plants, enough for a home garden, for \$2.00, postpaid.  
3 Collections for \$5.00. 7 Collections for \$10.00, by express at your expense.



Logan Berry.



May's Surprise.

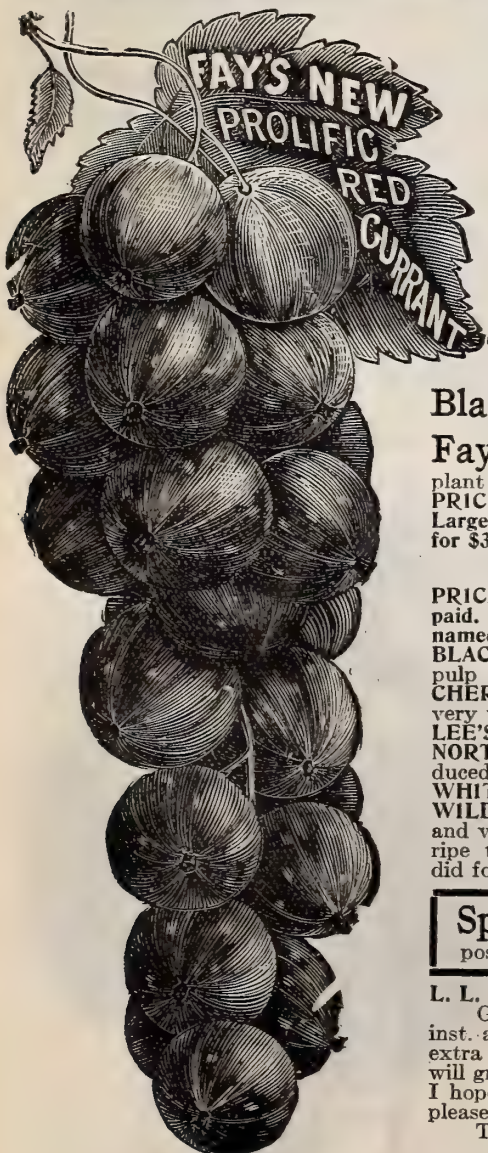
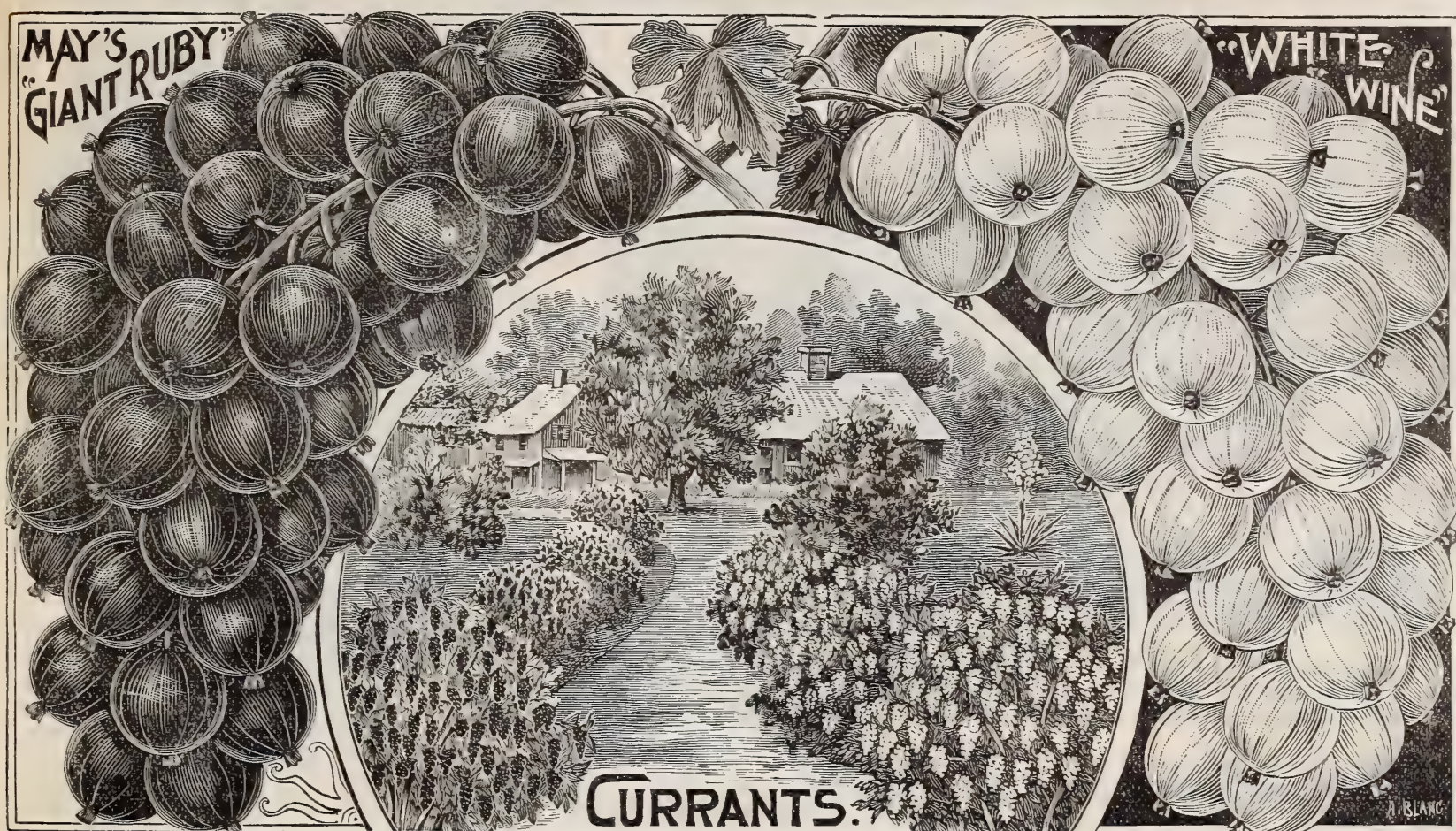


Rathbun.



Austin's Dewberry.





Hardy, easily cultivated, responding liberally to cultivation, and standing neglect well, no class of plants grown will afford better returns for the investment, either for home use or the market than these. They should be had in every garden and will pay handsomely for market. Plant four feet apart in rich ground, cultivate well or mulch heavily. Prune out old wood so that each remaining shoot will have plenty of room to grow in. Powdered White Hellebore dusted on the plants will destroy the currant worm.

By planting the red or white varieties alternately with the black, the ravages of the currant worms may be greatly lessened, as they do not attack the black varieties.

#### A QUARTET OF DELIGHTFUL CURRANTS.

Embracing the hardiest, most prolific and best quality grown.

**May's Giant Ruby.** The largest Red Currant in existence. These bushes are unusually hardy in habit of growth and bear profusely. The berries are beautiful light red and grow in immense clusters, more resembling bunches of red grapes than bunches of Currants. Many fruit growers are now planting largely of this variety in place of the older sorts on account of its enormous yields. Be sure to secure Giant Ruby and White Wine this year.

**White Wine.** This is the hardiest white sort ever introduced and is therefore especially desirable for the middle and Northern States. It bears great bunches of pearly white Currants of most delicious flavor. This and Giant Ruby we consider the best of all Currants in both quality and yield, surpassing even the well-known valuable Fay's Prolific, which has been such a favorite the past few years.

**Black Champion.** The leading tested Black Currant. It is a vigorous grower and very productive. The berry and bunch are very large and of most excellent quality.

**Fay's Prolific.** Until the introduction of our Giant Ruby this was considered the leading market variety. Stems and bunches are extra large, uniform size, easily picked, of excellent quality. The plant is very productive, robust and hardy.

PRICE, for strong, 1-year-old plants, postpaid, 12c each. One each of the four above varieties for 40c, 12 for \$1. 10. Large, 2-year-old plants, by express or freight not prepaid, 20c each. One each of the four for 65c, 12 for \$1.75, 25 for \$3.00, 50 for \$5.50, 100 for \$10.00.

#### GENERAL LIST OF STANDARD VARIETIES.

PRICE, strong, 1-year-old plants, 10c each; one each of the 6 varieties, all properly named, for 50c, 12 for \$1.00, postpaid. Large, 2-year-old plants, by express or freight, not prepaid, 15c each; one each of the 6 varieties, all properly named, for 75c, 12 for \$1.25, 25 for \$2.25, 50 for \$4.00, 100 for \$7.50.

**BLACK NAPLES**—Fruit varies from small to large, averaging above medium; pulp acid with strong flavor.

**CHERRY**—A standard red; berries large, bunches short and compact, plant very vigorous and productive.

**LEE'S PROLIFIC**—A black variety, fruit large and of excellent quality.

**NORTH STAR**—A strong-growing red sort. Bunches four inches long, produced very freely.

**WHITE GRAPE**—The standard white; an excellent variety.

**WILDER**—A new red variety of great merit, one of the strongest growers and very productive. The berries are very large, bright red. Even when dead ripe they hang on the bunches a long time without dropping, and are splendid for market purposes.

**Special Offer.** We will send the entire collection of 10 strong, one-year-old plants, all properly named, for 80c, postpaid.

L. L. May & Co.,

North Yakima, Wash., April 27, '03.

Gentlemen:—The roots you sent me recently reached me on the 25th inst. all in fine shape and I thank you very much indeed for adding the three extra roots which I did not expect. I set them out right away and hope they will grow for I am anxious to know how such a change of soil will do to them. I hope by another spring to be able to send you an order with the cash, so please send me the next catalogue you issue.

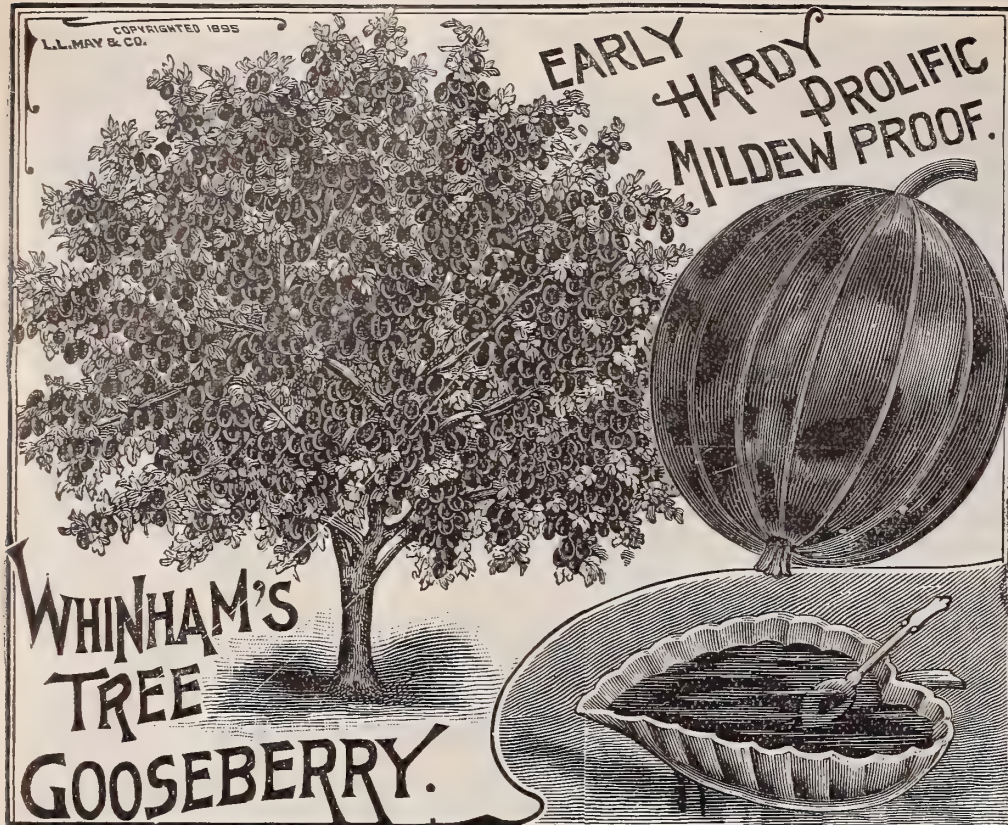
Thanking you again for your kindness, I am,

Yours very truly,  
Mrs. A. Hamilton.



BLACK CHAMPION.





## GOOSEBERRIES.

This fruit is so useful for cooking when green or ripe, and may be canned with such facility, that it is beginning to be cultivated very extensively for both home and market use. Plant in good, rich soil and give a liberal mulching of manure each year. In order to obtain fine fruit, prune regularly each year. To prevent mildew, spray bushes as soon as leaves appear and several times during the season with potassium sulphide, one ounce to four gallons of water.

**Four New Hardy Varieties.** Price, for strong 1-year plants, by mail postpaid, 15c each, 4 for 50c, 12 for \$1.25. Price, for large, 2-year-old plants, by express or freight, not prepaid, 20c each, 4 for 75c, 12 for \$2.00, 25 for \$3.80, 50 for \$7.25, 100 for \$14.00.

**Whinham's Tree.** This grows in tree form, throwing its branches straight out or upward, keeping the berries well off the ground. The fruit is very large, often measuring 1½ to 2 inches in length, of a rich, deep red color, and in quality and flavor unequalled. It is entirely free from the coarseness so often found in the smaller varieties. It has been proven perfectly hardy by thorough tests in all parts of America and stands the severe winters of the North without protection. It never shows mildew, blight nor any other disease common to the Gooseberry. It attains a marketable size quite three weeks earlier than any other variety, consequently commands the highest price. It also bears very heavily.

**Chautauqua.** A strong, vigorous, productive variety of recent introduction. Fruit large, light yellow, free from spines and hair, thick skinned, sweet and of exquisite flavor. One of the best sorts ever offered and bound to become very popular when all its good qualities are fully known.

**Keepsake.** This is a New English variety, possessing unusual merit. The plants growing in tree form, are dwarf in habit, very productive, free from mildew and very hardy. The fruit is very large, straw colored, of excellent flavor and unequalled for shipping purposes. The blossom is well protected by early foliage, making it a sure cropper.

**Pearl.** A very prolific variety that has been well tested and found healthful, vigorous of growth, free from mildew and extremely productive. The fruit is pale green, large and handsome.

**Four Hardy, Standard Varieties.** Strong, 1-year-old plants, postpaid, 12c each, 4 for 40c, 12 for 15c each, 4 for 50c, 12 for \$1.35, 25 for \$2.50, 50 for \$4.75, 100 for \$9.00.

**COLUMBUS**—A new American seedling of English type. Of large size, oval in form, skin greenish yellow, smooth, of the finest quality. Plant a strong robust grower, with large spines or thorns. Foliage large and glossy. It has never shown a trace of mildew on either fruit or foliage.

**DOWNING**—The berry is large, handsome, a pale green in color, of excellent quality. A favorite for home and market. The bush is a vigorous grower and free from mildew.

**HOUGHTON**—The fruit is of medium size, roundish oval, pale red, sweet and tender. The plants are of spreading habit, shoots slender and enormously productive.

**Red Jacket.** The fruit is as large as that of the beautiful and attractive berry. The flavor is most delicious and commands the very best market price. The plant and foliage are at all times vigorous, clean, healthy and mildew proof. It has been tested in many sections under most trying circumstances and has proved at all times and in all places thoroughly hardy and enormously productive.

**Special Offer.** One each of the 8 varieties listed on this page, strong, one year old plants, for 80c, postpaid. One, each large 2 year old plants, for \$1.15; 6 each, 48 plants, for \$6.25; 12 each, 96 plants, for \$12.00.

Bozeman, Montana,  
L.L. May & Co., May 6, 1903.  
St. Paul, Minn.

Gentlemen:—I received my order, No. 3810, all in the best condition, and thank you very much for the courtesy and attention given my order.  
Yours truly, Eddie H. Spieth.





## GRAPES.

The grape is the most healthful of all fruits, and the most highly esteemed for its many uses. It can be grown by everyone who has a garden, a yard or a wall. It can be confined to a stake, bound to a trellis, trained over an arbor or extended until it covers a large tree or building, and still it yields its graceful bunches of luscious, blooming fruit. Capable of most extraordinary results under wise management, it is prone also to give the greatest disappointment under bad culture or neglect. Other fruits may be had from plants that know no care, but grapes are to be had only through attention and forethought.

Plant in rows eight to ten feet apart and eight feet apart in the row. Dig holes sufficiently large to spread the roots out straight. After the vines have been planted cut back to about 2 to 4 buds above the ground. Keep the soil around the vines clean and stirred up throughout the growing season.

### FOUR GRAND GRAPES.

PRICE, 1-year old roots, postpaid, 15c each, 4 for 50c, 12 for \$1.25. Strong, 2-year-old roots, by express or freight, not prepaid, 20c each, 4 for 70c, 12 for \$2.00.

**Beta.** A hardy variety originating in this state. A cross between a cultivated sort and the native wild grape. The vine is thrifty, productive and hardy, withstanding our severest Northern winters without protection and without injury. The fruit is jet black, of medium size, borne in compact, well shouldered bunches. It ripens before frost, is sweet and luscious. It is very popular and a boon to fruit growers of the Northwest.

**Campbell's Early.** A strong, vigorous, hardy vine with thick mildew resisting foliage, and perfect self fertilizing blossoms. The clusters are very large, usually shouldered, compact and handsome. The berries are large, often an inch or more in diameter, glossy black with a purple bloom, sweet and juicy with few seeds. They ripen from the 15th to the last of August. As a keeper and shipper this variety is unequaled by any other American grape, while as a dessert grape it is delicious.



Campbell's Early

**White Diamond.** Valuable for all sections of the United States, as it is healthy and perfectly hardy. The berries are large, creamy white and of richest and most delicious flavor, juicy, sweet, with few seeds. Withstands mildew and disease; is a splendid cropper.

**Niagara.** A most desirable white variety and one that is very extensively grown in all grape sections. It is hardy, vigorous and productive in all sections. The bunches are very large and compact. Berries large, round with thin, tough skin, which does not crack and carries well. The flavor rich, sweet and melting with an aroma peculiarly its own. Ripens with the Concord.

### General List of Hardy Varieties.

Price, for strong, 1-year-old plants, postpaid, 10c each, 6 for 55c, 12 for \$1.00, 25 for \$1.75. Price, for large, 2-year-old plants, by express or freight, not prepaid, 15c each, 6 for 75c, 12 for \$1.25, 25 for \$2.10, 50 for \$4.00, 100 for \$7.50.

#### AGAWAM.

A vigorous grower, producing large, red, thick skinned grapes, which ripen early. The pulp is soft, sweet and sprightly.

#### CONCORD.

The well-known standard variety. It succeeds wherever grapes are grown, producing at all times large crops of luscious fruit. Hardy and productive in all soils and all locations.

#### DELAWARE.

The bunches are small, compact, shouldered, ripening a little before the Concord. The fruit is thick skinned, color light red, juicy, very sweet and delicious.

#### EATON.

A seedling of the Concord, which it resembles in general appearance, but the berry is much larger, of finer appearance and ripens a little earlier.

#### EMPIRE STATE.

A fine large white grape, very highly regarded in Eastern sections. The bunches are very large, long, compact. The fruit is of medium size, rich, sweet and sprightly, continuing a long time fit for use.



White Diamond.

#### MOORE'S EARLY.

One of the best early ripening varieties. The bunch is large, round and with a black blue bloom. In quality surpassing the Concord. It ripens extra early and is therefore valuable for market purposes. This grape was introduced 30 years ago and has proved perfectly hardy and productive in all sections of the country. Vigorous and healthy, it is valuable to planters of the Northwest.

#### POCKLINGTON.

A very beautiful white variety. Bunch and berries large and when fully ripe a rich golden yellow, juicy, tender and sweet. The vine is thoroughly hardy, a vigorous grower, free from mildew; very productive, and altogether, most satisfactory.

#### WORDEN.

A large black grape of the Concord type, but earlier. 5 to 10 days earlier. The vine is hardier and in every way as healthy.

L. L. May & Co.,

Gentlemen:—I have received the little tree order that I ordered of you in fine condition, and I wish to express my thanks to you for your prompt attention to my orders. I think I can make them grow. I will come again.—Yours truly,

Moore, Wyo., March 30, '04  
Edwin Moore, Market Gardener.



Beta



## SHADE AND ORNAMENTAL TREES.

FOR WINDBREAKS AND BEAUTIFICATION OF HOME SURROUNDINGS.



Catalpa.

**Catalpa, Speciosa.** (B.) This hardy native variety is one of the finest for shade and ornament in our entire list. The leaves are large, heart-shaped, beautifully ribbed, never subject to the attacks of insects, and at all times clean, vigorous and beautiful. The flowers which appear in June in large pyramidal clusters, are succeeded by long, slender, pea-shaped seed pods, which hang on till severe frosts. The tree is a most rapid grower and the wood when sawed into lumber most durable, rendering it of great value for boards, posts, rails, etc. The foliage is very dense, providing plenty of shade, while the striking beauty of the tree and its adaptability to all climates, soils and conditions render it one of the most valuable for general planting. Parties having large plots to plant are requested to write us for special prices on 100, 500 or 1,000 lots. 8 to 10 ft., 45c each, 6 for \$2.25, 12 for \$4.00, by express or freight.

### COTTONWOOD.

**Canadian Poplar.** (A.) A tall, native tree, with large shining leaves, growing 80 to 100 feet high and broad spreading tops furnishing an abundance of shade. Grows very rapidly and is very hardy, thriving under most adverse conditions. Price, by express or freight, extra strong, 1-year-old seedlings, 50c per 100, \$4.00 per 1,000. 8 to 10 ft., 40c each, 12 for \$4.00.

### AMERICAN ELM.

(A.) This is so well known that it does not require an introduction. It is hardy everywhere and thrives in any soil. It is strong and long lived. Price, by express or freight, strong, 1-year-old seedlings, \$1.00 per 100, \$8.00 per 1,000. 7 to 8 ft., 55c each, 12 for \$5.50.

**Hackberry.** (B.) A very handsome native tree, of easy rapid growth and great vigor, which bears transplanting as well as any tree we know. The character of the growth is similar to the Elm, though the top is not quite so spreading as that variety. It makes a more rapid growth soon forming large trees. The leaves are arranged laterally on the limbs and have a drooping tendency. The foliage is very dense, forming excellent shade. Mail size, 15c each, 3 for 40c, 6 for 75c, 12 for \$1.25, postpaid. 5 to 6 ft., 40c each, 6 for \$2.25, 12 for \$4.00, by express or freight.



Hackberry.



Birch, American White.

**Ash, American White.** (A.) A valuable native variety of rapid growth, forming straight, clean trunks and broad, oval shaped heads. Desirable for parks, public grounds and street planting, also for timber and forestry purposes. 1-year-old seedlings, 10 to 15 inches, \$1.00 per 100, \$7.00 per 1,000, by express or freight.

**Beech, Purple Leaf.** (B.) An elegant, vigorous tree, growing 40 to 50 feet high. Foliage deep purple in spring, changing to crimson in summer and purplish green in fall. 3 to 4 ft., 45c each, 3 for \$1.25, by express or freight.

**BOX ELDER**—See Maple Ash Leaved on opposite page.

**Birch, American White.** (B.) A distinct, native species of vigorous, rapid growth. Bark white, leaves triangular, tapering and pointed. It is very hardy and will grow in sandy or rocky soil in any situation. It is of very easy culture and makes a beautiful shade and ornamental tree. 7 to 8 ft., 75c each, 6 for \$4.00, 12 for \$7.50, by express or freight.

### BIRCH, PAPER OR CANOE.

(A.) One of the handsomest trees in cultivation and a vigorous grower. When young the bark is dull brown but changes as the tree grows older to a shining, silky white, rendering it clean looking and attractive. The leaves are small and very numerous, forming a dense head of foliage. It is adapted to parks and lawns as well to as street and boulevard planting. 6 to 7 ft., 50c each, 6 for \$2.75, 12 for \$5.00, by express or freight.

### BIRCH PURPLE.

(B.) A most handsome variety, of vigorous, sturdy growth, similar to the White Birch. It has purple foliage, rendering it very unique and beautiful. 5 to 6 ft., 80c each, 6 for \$4.50, 12 for \$8.00, by express or freight.



Horse Chestnut.

### Horse Chestnut.

**White Flowering.** (B.) A most beautiful and well known tree; head round and dense the foliage handsome, dark green. In the early spring there is an abundance of showy blossoms which are followed later by fruit in large showy clusters; for lawn, street, boulevard and park planting this is certainly one of the finest trees. It is adapted to the West as well as the East, grows vigorously and stands our winters without the least injury. We offer extra strong, 1-year-old seedlings by mail, postpaid, 15c each, 6 for 80c, 12 for \$1.50. By express or freight, not prepaid, 10c each, 12 for \$1.00, 25 for \$1.75.

**EUROPEAN LINDEN**—(B.) A handsome variety similar to the American Linden of same square, thick growth, very hardy and vigorous. The head is hardy and pyramidal in shape, having large leaves. Price, by mail, postpaid, 2-year-old transplanted seedlings, 15c each, 6 for 80c, 12 for \$1.50. By express or freight not prepaid, 4 to 5 ft., 30c each, 6 for \$1.60, 12 for \$3.00.

**Linden, American.** Basswood. (A.) Perfectly hardy everywhere, most vigorous in growth, with large, clean, handsome foliage, affording an abundance of shade and forming large stately trees in a short time, few trees have more good qualities to commend themselves to planters than this. The bloom is delicate and handsome, the fruit or seed embellishing the tree until the leaves drop in the fall. Mail size, 2-year-old transplanted seedlings, 15c each, 6 for 80c, 12 for \$1.50, postpaid. 5 to 6 ft., 35c each, 6 for \$1.90, 12 for \$3.50, by express or freight.



American Linden.

### NOTICE.

ALL MAIL SIZE TREES ARE SENT POSTPAID. ALL OTHERS BY EXPRESS OR FREIGHT AT PURCHASER'S EXPENSE.

- A. Indicates trees which will attain the largest size, 50 to 70 feet and upwards.
- B. Indicates those growing 25 to 50 feet high and upwards.
- C. Denotes those which grow from 10 to 25 feet and upwards.
- D. Denotes the smaller sizes growing from 1 to 10 feet and upwards.



## MAPLES.

For general shade and ornamental purposes the Maples are more generally planted than any other trees. They are regular in outline, beautiful in foliage, vigorous growers, free from all diseases and adapted to all soils. By skillful pruning and culture our Maples are trained into straight, stocky trees, not easily injured by high winds or ordinary street abuses. The Soft or Silver Maple is the most rapid growing.

**Ashleaf—(Manitoba) (Box Elder)** (A.) A durable tree for street planting; it stands transplanting well and grows rapidly, producing considerable shade in a very short time. It is most used in the West and Northwest, as it withstands successfully both drought and extreme cold. It attains a height of 70 feet, of rounded, globular shape; the bark is greenish yellow on young wood. Succeeds in a variety of soils. Price, by express or freight, not prepaid, extra strong, stocky and well assorted 1-year-old seedlings, 75c per 100, 500 for \$3.25, 1,000 for \$6.00. Trees 4 to 6 ft. high, 25c each, 12 for \$2.50; 8 to 10 ft., 50c each, 12 for \$5.00. Special low prices on large quantities.

**Silver or Soft Maple.** (A.) A magnificent shade and ornamental tree of rapid growth. It is perfectly hardy and will thrive in any soil and any locality. The leaves are beautifully shaped and have a silver gleam. The hardiness and ease of culture of this tree make it one of the most desirable for general planting. The trees we offer are of splendid shape, with an abundance of fine, fibrous roots. Price, by express or freight, not prepaid, strong, stocky, 1-year-old seedlings, 75c per 100, 500 for \$3.25, 1,000 for \$6.00. Trees 4 to 6 ft., 25c each, 12 for \$2.50, 100 for \$15.00; 8 to 10 ft., 45c each, 12 for \$4.25, 100 for \$30.00.

**Norway.** (A.) A tree of foreign origin, a sturdy, symmetrical grower, forming a broad spreading rounded head. The leaves are deep green, large and broad, and cling to the branches longer than other sorts. It is a deep rooter and the branches are so compact and strong that the wind never hurts them. Excellently adapted to street planting. Price, by mail, postpaid, 25c each, 3 for 60c. By express or freight, not prepaid, 3 to 4 ft., 35c each, 12 for \$3.50.

**Sugar or Rock.** (A.) A valuable tree for the sugar as well as lumber, shade and ornament. It is adaptable to all locations, roots deeply and grows into a symmetrical tree of large proportions. It unites beauty with extreme hardiness and usefulness, and is excellently suited to park and avenue as well as farm planting. Price, by mail, postpaid, 25c each 3 for 60c. By express or freight, not prepaid, 3 to 4 ft., 35c each, 12 for \$3.50.

**Schwedleri.** (B.) The most ornamental of all Maples, extremely hardy, of German origin. In the spring the leaves and young sprouts are purplish red, changing as the season advances, to copper bronze, and in the autumn assuming a pure golden tint. It is especially adapted to lawn, park and boulevard planting. Price, by express or freight, not prepaid, 2 to 3 ft., 40c each 12 for \$4.00.

**Weirs Cut Leaf.** (B.) A very beautiful silver leaf sort with delicately cut leaves and distinct, half drooping habit. It grows rapidly, forming a straight, upright trunk, with slender branches that curve gracefully downward. It forms elegant specimen trees for lawns or parks, for lining carriage drives, for planting in parks and parkways and wherever an elegant, graceful tree is required. It is very hardy, thriving everywhere with equal vigor.

Next to the Schwedleri this is the most beautiful maple grown, and is highly recommended to everyone who wants something choice, hardy and extremely ornamental.

Price, by freight or express, not prepaid, 8 to 10 ft., \$1.00 each, 12 for \$10.00.



MAPLE—Ashleaf or Box Elder.

**Siberian.** (B.) A distinct and attractive tree of dwarfish growth, rounded head and handsome appearance at all times. Leaves small and finely cut, turning to a beautiful reddish tint in early autumn. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 3 to 4 ft., 30c each, 3 for 75c.

**Mountain Ash--European.** (B.) A handsome variety of compact and even growth. The stem is smooth and erect, the head round and compact, covered in spring with showy white blossoms, and in late fall and winter with clusters of red berries. The foliage is clean and handsome. An excellent tree for lawn planting. Price, by mail, postpaid, 10c each, 6 for 55c, 12 for \$1.00. By express or freight, not prepaid, 5 to 6 ft., 40c each, 3 for \$1.10, 6 for \$2.00. 8 to 10 ft., 75c each, 3 for \$2.00, 6 for \$3.75. These are extra, finely shaped trees.

**Mountain Ash--American.** (B.) A native tree of fine graceful habit, perfect hardiness and great beauty. The white flowers in spring are very pretty and are succeeded by the red berries which hang on until winter, and are most attractive. Price, by mail, postpaid, 10c each, 6 for 55c, 12 for \$1.00. By express or freight, not prepaid, 4 to 5 ft., 30c each, 3 for 80c, 6 for \$1.50. 7 to 8 ft., 60c each, 3 for \$1.70, 6 for \$3.00.



Weirs Maple.

**Mountain Ash Oak Leaf.** (B.) A handsome tree of erect, compact growth, forming heads from 20 to 30 feet in breadth and the same in height. The foliage is very deeply lobed, resembling the oak. Price, by express or freight, not prepaid, 5 to 6 ft., 50c each, 3 for \$1.25.

**MULBERRY, RUSSIAN**—For description and cut, see page 72.

**OAK TREES**—We have a fine collection of nursery grown, Oak Trees, 2 and 3 years old, which we offer in the following varieties. American White Oak, Pink Oak, Purple Oak and Scarlet Oak. Price, by mail, postpaid, for any of these varieties, 15c each. The entire collection of four varieties, properly named, for 50c.

**KENTUCKY COFFEE TREE**—(B.) A fine native tree, unique and beautiful. Leaves in tufts, flowers greenish white, borne in loose spikes in early summer, succeeded by brown pods containing 6 or 7 large gray seeds. Price by mail, postpaid, 15c each, 3 for 40c, 12 for \$1.50. By express or freight, not prepaid, 5 to 6 ft., 60c each, 6 for \$3.25.

**LARCH, EUROPEAN**—(A.)—An excellent, rapid growing, pyramidal shaped tree, with drooping slender branches and light green, needle-shaped foliage, like the spruce or hemlock foliage, which is soft and graceful. Price, by express or freight, not prepaid, 3 ft. high, 35c each, 3 for \$1.00.

**LOCUST—Black or Yellow.** (R.)—The wood is valuable for posts and lumber, and the tree, especially when in bloom, is very ornamental. The flowers are white and yellow, very fragrant, and borne in long, pendulous racemes in June. Price, by express or freight, not prepaid, 10 to 12 ft., 70c each, 6 for \$4.00, 12 for \$7.00.

**LOCUST, VISCOSA**—(B.) Similar to the above except in the flowers, which are of a delicate rose color. By express or freight, not prepaid, 4 to 5 ft., 35c each, 6 for \$1.80, 12 for \$3.25.

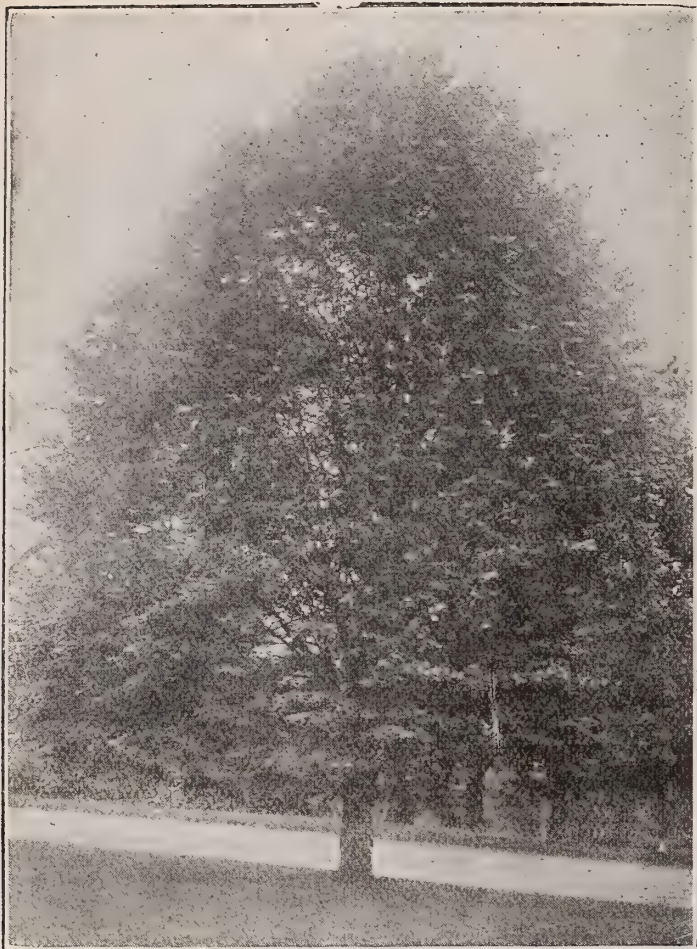


European Mountain Ash.



Silver Maple.





Silver Poplar

## POPLARS.

As a class the Poplars grow rapidly, cost but little and soon form handsome, attractive trees. For lawn shade, for groups or hedges to screen disagreeable views, for planting in the sand of seaside resorts, and for street planting on rich, moist soil they are always satisfactory.

**Carolina.** (B.) The largest, most symmetrical, finest and best Poplar for general planting. A most rapid, vigorous grower, pyramidal in form with large glossy leaves. It grows very rapidly soon forming large trees. If properly cut back and trimmed it forms a fine spreading head. It thrives everywhere, is not affected by sewer gas, smoke, ashes or salt water. We recommend it very strongly for park and street planting. Planted alternately with Elms, Maples and other hard wooded trees they soon grow into large trees, supplying an abundance of shade. After the other trees become large the Poplars can be cut out. This is rapidly becoming the most popular tree for general planting in the West and Northwest. Price, by express or freight, not prepaid, 7 to 8 ft., 35c each, 6 for \$1.90, 12 for \$3.50. Special low prices on large lots.

**Lombardy.** (A.) This is of obelisk form and grows rapidly. It is planted largely in Newport and other fashionable resorts of the East, as it forms a striking feature of any landscape. It is perfectly hardy anywhere. Don't fail to order a few trees of this splendid variety. Price, by express or freight, not prepaid, 6 to 7 ft., 25c each, 6 for \$1.35, 12 for \$2.40; 8 to 10 ft. high, 45c each, 6 for \$2.40, 12 for \$4.25.

**Silver.** (B.) This is one of the most beautiful and useful ornamental trees ever planted. Like the other poplars it is of very rapid growth, soon forming large, shapely trees, which afford an abundance of shade. This variety is of more spreading growth than the others, and by careful training forms large, rounded heads of great beauty. The leaves are dark green above, silvery white underneath. The bark is also silvery white. When the wind "ruffles" the leaves the bright, silvery under surface presents a most attractive appearance. Price, by express or freight, 7 to 8 ft., 30c each, 6 for \$1.60, 12 for \$3.00. Ask for our special low prices on large quantities.

### THORN, PAUL'S DOUBLE SCARLET.

(C.) A dwarf growing tree or shrub which produces large masses of very double, medium sized, scarlet blossoms in May. These are very attractive and fragrant. Price, by express or freight, not prepaid, 5 to 6 ft., 75c each.

### THORN, DOUBLE WHITE.

(C.) Produces an abundance of small double white blossoms. Price, by express or freight, not prepaid, 4 to 5 ft. 40c each.

### TULIP TREE.

(Whitewood.) (A.) A magnificent native tree of rapid, tall and pyramidal growth. The leaves are large, broad, fiddle-shaped, and glossy. It produces large, tulip shaped blossoms of pale yellow and rich orange. It is allied to the Magnolias and almost as showy in leaf and flower as they. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 25c each.

For Varieties Not Listed Here See Weeping Trees On Page Following.

## WILLOWS.

These are very useful for a great variety of purposes and so readily adapt themselves to changed conditions that the more general planting of them is strongly advocated. For lawns, water side planting, shade and hedges they are at all times useful and appropriate. They transplant readily, grow well in all soils, and quickly form good sized trees. The bright bark and twigs of some varieties are very beautiful in winter.

**Laurel Leaf.** (B.) One of the finest in the entire list. The leaves are broad, dark green, very glossy, so that sunlight renders it the most conspicuous of green trees. The bark is bright green in winter. It can be clipped to any desired form like the bay tree, and when carefully trained is not inferior to that high priced plant. For narrow streets and seaside plantings, for hedges and ornamental screens, for trained specimens on the lawn and for many other locations this rapid growing variety is unsurpassed. The foliage is always clean and not affected by insects. Price, by express or freight, not prepaid, 3 to 4 ft. 25c each, 6 for \$1.35, 12 for \$2.50.

**Petzoldi.** Another charming variety of rapid growth and clean, healthy habit. Particularly desirable for water front planting and hedges. Price, by express or freight, not prepaid, 3 to 4 ft. 25c each, 6 for \$1.35, 12 for \$2.50.

### MAY'S "DELIGHT" COLLECTION.

10 BEAUTIFUL LARGE ORNAMENTAL SHADE TREES FOR ONLY \$2.80

- |   |                                      |
|---|--------------------------------------|
| 1 Paper Birch, 6 to 8 feet high.                    | 1 White Birch, 6 to 8 feet high.     |
| 1 Catalpa Speciosa, 6 to 8 feet high.               | 1 Poplar Lombardy, 6 to 8 feet.      |
| 1 Acer Dasycarpum, hardy Silver Maple, 6 to 8 feet. |                                      |
| 1 Hardy Mulberry, 5 to 6 feet.                      | 1 Poplar Silver leaved, 6 to 8 feet. |
| 1 American White Ash, 6 to 8 feet.                  |                                      |

2 May's Delight, 6 to 8 feet. Two distinct shade trees, rare and valuable. This is the greatest bargain of first-class trees ever offered. If you cannot use the entire collection, you can easily sell a few of them to your neighbors. Order today.



Laurel Leaf Willow.



The Hawkeye Tree Protectors.

### Hawkeye Tree Protector.

A sure protection against sun-scald, rabbits, mice and other vermin. Made of the very best quality Rock Elm Veneer, 12 inches long, 20 inches wide. They are very durable and will last for many years. They can be tied about the tree with twine or fastened with tinned wire. The latter is preferable as it will not rot or rust. Per doz. 50c. including wire and nippers. Per 100, \$2.00, wire and nippers 15c extra.

Don't fail to read description, etc.,

of the

GUARANTEED APPLE

THE FAMOUS MINNETONKA.



Carolina Poplar.



## WEeping OR DROOPING TREES.

**Birch, Cut Leaf.** (A.) This is one of the most beautiful and desirable trees for the lawn ever introduced. The branches are of a graceful, drooping habit, with foliage delicately cut and very fine. The bark is silvery white, forming a beautiful contrast with the foliage. It makes a rapid growth and is perfectly hardy in all sections of the country. Mr. Scott, in his "Suburban Home Grounds," says of it:—"No engraving can do it justice; like the palm trees of the tropics, it must be seen in motion, swaying in the lightest breeze, its leaves trembling in the heated summer air, its white bark glistening through the bright foliage and sparkling in the sun, to enable us to form a true impression of its character." By express or freight, not prepaid, 5 to 6 ft., \$1.25 each, 3 for \$3.50, 6 for \$6.25, 12 for \$12.00.

**Elm Camperdown.** (C.) A very graceful tree for lawn planting or covering arbors. The foliage is large, luxuriant, dark green, and the tree has the umbrella form so desirable. It is a rapid grower, very hardy and adapted to all sections. Price, by express or freight, not prepaid, large heads or crowns, \$1.50 each.

**Mountain Ash, Weeping.** (C.) A beautiful tree of hardy, vigorous growth, with straggling, pendant branches, turning and twisting in all directions, in a few years forming an immense head with branches resting on the ground, and producing a very pleasing effect. It has clusters of fragrant, feathery blossoms, which as the season advances, ripen into scarlet berries. Price, for strong, well-formed trees, by express or freight, not prepaid, 75c each.

**Mulberry.** TEA'S WEEPING RUSSIAN.—(D.) One of the most graceful and beautiful of the hardy, weeping trees and wholly unique, having a perfect umbrella shaped head and slender willowy branches, drooping to the ground, as do the vines of a hanging basket. The foliage is glossy green and with delicacy of form and motion it combines Russian health and vigor, being inured to the heat and drouth of the south as well as the severe cold of the North. Admirably adapted to cemetery planting. Price, by express or freight, not prepaid, for strong, well-formed trees, \$1.00 each.

### WILLOW BABYLONICA.

(A.) This is the common weeping willow, well known everywhere and highly prized wherever grown. Price, by mail, postpaid, 15c each, 3 for 40c, By express or freight, not prepaid, 5 to 6 ft., 40c each, 3 for \$1.00.

**Willow, Golden Weeping.** One of the showiest trees for winter effects. The bark is a bright, golden color, becoming more intense as the leaves disappear and remaining so throughout the winter. The branches are of graceful drooping habit, forming a large rounded head of soft green foliage during the summer. It is of rapid growth and hardy nature, succeeding everywhere. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 4 to 5 ft., 40c each, 3 for \$1.00.

**Willow, New American.** An American dwarf variety, which, when grafted on a standard stem, five or six feet high, makes one of the most ornamental of small weeping trees, having long, slender shoots and delicate leaves of great beauty and very graceful. Price, by express or freight, not prepaid, for strong, well-formed heads, \$1.00

### WILLOW, WISCONSIN WEEPING.

(B.) Of drooping habit, similar to Babylonica, but much harder than that variety. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 4 to 5 ft., 25 each, 3 for 65c.

## EVERGREENS.

The trees which we offer here are all nursery grown, transplanted stock. In transplanting never allow the roots to be exposed to the sun for a single moment. A mulching of straw or leaves will be found very beneficial, especially in dry seasons. Allow them to branch freely near the ground. This prevents the soil drying up quickly around the roots and adds to the beauty and effectiveness of the tree. They should be planted at a time when the earth is warm and they can commence growth immediately.

**Arbor Vitae, American.** All things considered this is the most popular evergreen in cultivation, either for single specimens on the lawn, planted in clumps, or for ornamental hedging. Tree is very symmetrical in growth, the foliage is finely cut and very dense. It readily adapts itself to all situations, is perfectly hardy, when once established, a rapid grower and for ornament and usefulness has no superior. Mail size, 15c each, 6 for 75c, 12 for \$1.25, postpaid. Extra fine specimens, 3 to 4 ft., 60c each, 3 for \$1.60, 6 for \$3.00, 12 for \$5.50, by express or freight.



White Pine.

**Norway Spruce.** One of the handsomest of evergreens; when young the foliage is remarkably rich and luxuriant; as it grows older, its branches droop with a fine graceful curl or sweep, some specimens, however, more than others; and when covered with its large pendant cones it is an object exceedingly picturesque and beautiful. It is deservedly popular and with the American Arbor Vitae is more largely planted than any other variety. Fine for specimen trees and one of the best for hedges and wind breaks. Mail size, 15c each, 6 for 75c, 12 for \$1.35, postpaid. 24 to 30 inches high, 40c each, 3 for \$1.10, 6 for \$2.00, 12 for \$3.75, by express or freight.

**Spruce, Colorado Blue.** Among the evergreens this variety easily takes first place. The foliage is a rich, azure blue, unlike that of any other variety, very distinct and attractive at all times. It is a native of the Rocky Mountains, where it flourishes high up among the everlasting snows. Its hardness to withstand cold, heat, drouth and flood is well established, while its intense beauty commends it to all who wish a strictly choice ornamental tree. Our stock is the best selected colors. Mail size, 75c each, postpaid. 18 to 24 inches high, \$2.00 each, 3 for \$5.00, by express or freight.

**Spruce, Douglassi.** Another handsome variety from the mountains of Colorado. Grows in conical form to a large size with numerous branches spreading horizontally. Leaves light green above, glaucous below. Mail size, 25c each, 3 for 65c, postpaid, 2½ to 3 ft., high 65c each 3 for \$1.75, by express or freight.

EVERGREEN HEDGE PLANTS—See page 84.

**Special Offer.** 6 Beautiful, distinct, different varieties, our selection, all properly named, for 90c, postpaid.



Cut Leaf Birch.

**Arbor Vitae, Pyramidalis.** The most beautiful of all the Arbor Vitae. Forms compact, slender, pyramidal shaped heads of dark green, at all times conspicuous and very ornamental. It is perfectly hardy, very vigorous in growth with dense, dark green foliage. Price, 2½ to 3 ft., 60c each, 3 for \$1.60, 6 for \$3.00, 12 for \$5.50.

**Fir Balsam.** A well known and popular tree; assuming the upright or conical form; leaves dark green above, silvery beneath; retains its color throughout the severest winters; grows rapidly, and every way desirable. Price, well-formed, transplanted specimens, 12 to 15 inches high, 25c each, 6 for \$1.25, postpaid.

**Pine Austrian.** Remarkably robust, with long, stiff leaves and deep green foliage; hardy everywhere, and valuable for planting as wind-breaks, screens, etc. A remarkably rapid grower and more easily transplanted than most varieties. Mail size, 15c each, 6 for 75c, 12 for \$1.35, postpaid. 2½ to 3 ft., 40c each, 6 for \$2.20, 12 for \$4.00, by express or freight.

**Pine, Scotch.** A most beautiful variety, similar to the Austrian in character of growth, with strong, erect shoots, and silvery needles. Mail size, 15c each, 6 for 75c, 12 for \$1.35, postpaid. 3 to 4 ft., 50c each, 3 for \$1.35, 6 for \$2.50, 12 for \$4.75, by express or freight.

**Pine, White.** Quickest growing and most beautiful of all our native Pines, also one of the longest-lived and most valuable. It grows into beautiful trees, makes a fine back ground and shelter belt for lawns, and is a valuable timber tree. The needles are long, silvery and plummy. Mail size, 15c each, 6 for 75c, 12 for \$1.35, postpaid. 24 to 30 inches high, 35c each, 3 for \$1.00, 6 for \$1.80, 12 for \$3.25, by express or freight.



Norway Spruce.





A WELL KEPT BUCKTHORN HEDGE.

## HEDGES.

The idea of planting Hedges for use and ornament, and screens for the protection of orchards, farms and gardens, is a practical one, and rapidly becoming appreciated.

They serve not only as protection against the fierce winds, but there is much less trouble from the blowing off of the fruit. Some writers tell us that the temperature is warmer in the vicinity of evergreens. However this may be, we know that our gardens are earlier and our fruits ripen better when protected by such screens. Nothing can be more beautiful than ornamental Hedges, well kept and pruned to serve as boundary lines between neighbors, or as divisions between the lawn and garden or to hide unsightly places. By using medium sized plants a hedge can be made as cheaply as a good board fence can be built, and then with a little care, it is becoming every year more and more "a thing of beauty." We all know that such Hedges constitute a principal attraction in our best kept places.

To secure a good hedge it is necessary to plant well. Dig a deep, wide trench, and work the soil thoroughly about the roots. Press the ground firmly, and mulch heavily for a distance of two or more feet on either side, according to the size of the plants. This is especially necessary with evergreens, and all exposure of the roots to the sun and air must be strictly avoided.

Deciduous hedge plants, as a general rule should be planted from 6 to 12 inches apart, evergreens from 8 to 18 inches, according to size.

**Berberry Purple.** A beautiful plant well adapted for ornamental divisions of city lots or wherever a showy, hardy hedge is desired. The plant is dwarf and stocky; the foliage and fruit both being violet in color, form a striking combination. Price, mail size, postpaid, 12 for 75c, 25 for \$1.40, 50 for \$2.50. By express or freight, 18 to 24 inches, 12 for \$2.00, 25 for \$3.50, 50 for \$6.50, 100 for \$12.00.

**Carragana Arborescens.** (Siberian Pea Tree.) This is a hardy variety from Northern Russia, now being extensively planted in Manitoba and Dakota. The foliage resembles the Locust, the leaflet terminating in a short, sharp point. The blossoms appearing the last of May are a bright yellow, very showy and attractive. It is perfectly hardy everywhere, flourishes in the poorest soils and, if properly trimmed, soon forms an impenetrable hedge. Price, by mail, postpaid, 12 for 75c, 25 for \$1.40, 50 for \$2.50. Price, by express or freight, not prepaid, 12 to 18 inches, 12 for \$2.00, 25 for \$3.50, 50 for \$6.50, 100 for \$12.00.

**Honey Locust.** In many sections of the North this is still considered the best. It is of vigorous growth, perfectly hardy, thrives with ordinary care and on account of its thorny nature, is well adapted for farm planting. Price, by express or freight, not prepaid, 25 for \$1.00, 50 for \$1.75, 100 for \$3.00.

**Japan Quince.** The foliage is bright, glossy green, retaining its color throughout the summer. The flowers, which are borne in the greatest profusion, are brilliant crimson, very showy and attractive, and are produced before the leaves appear in spring. Price, by mail, postpaid, 12 for 75c, 25 for \$1.40, 50 for \$2.50. By express or freight, not prepaid, 18 to 24 inches, 12 for \$1.75, 25 for \$3.00, 50 for \$5.50, 100 for \$10.00.

**Privet, Common.** An excellent plant for ornamental hedges. It makes rapid growth and is easily trained and cared for. The foliage is bright and clean and in early summer the plant is covered with tiny white blossoms. Price, by mail, postpaid, 12 for 90c, 25 for \$1.75, 100 for \$3.25. By express or freight, not prepaid, 12 to 18 inches, 25 for \$1.00, 50 for \$1.75, 100 for \$3.00.

**Privet, California.** A recent introduction that has met with great favor wherever planted. It makes a very rapid growth, has shining, dark green leaves, which it retains until late in the fall. In the autumn the top is a mass of golden colored flowers, very striking and beautiful. The root is very hardy. The tops should be severely pruned each season, the new growth being stronger and denser with each succeeding year. Price, by mail, postpaid, 12 for 75c, 25 for \$1.40, 50 for \$2.50. Price, by express or freight, not prepaid, 18 to 24 inches, 12 for \$1.75, 25 for \$3.00, 50 for \$5.50, 100 for \$10.00.

**Buckthorn.** After a thorough test of all varieties listed here as well as many others, we consider this the best and hardiest for the Northwest, as well as all other sections of the country. It stands our cold winters without a particle of injury, commences growth very early in spring, retains its foliage late in autumn, forms a compact, dense hedge, which will turn all kinds of cattle and swine, is never killed by drought, and succeeds well in any and all sections. Foliage is dark green; blossoms small, white, followed by small black fruit. 8 to 10 inches, 25 for \$1.00, 50 for \$1.75, 100 for \$3.00; 12 to 18 inches, 25 for \$1.50, 50 for \$2.75, 100 for \$5.00. By express or freight.

**Russian Olive.** A native of the Northwestern plains. The foliage is silvery white, the flowers small, yellowish, produced very abundantly. Perfectly hardy, and resists drought and heat in a remarkable degree. By cutting back each season, it forms a very compact, dense hedge of most beautiful appearance. Price, by mail, postpaid, 12 for 75c, 25 for \$1.40, 50 for \$2.50. By express or freight, not prepaid, 18 to 24 inches, 12 for \$2.50, 25 for \$4.00, 50 for \$7.50, 100 for \$12.50. Prices, by express or freight, not prepaid.

## EVERGREEN HEDGES.

AMERICAN ARBOR VITAE—8 to 10 inches; 60c per 100, \$4.00 per 1,000.  
AUSTRIAN PINE—8 to 10 inches; 70c per 100, \$5.00 per 1,000.  
SCOTCH PINE—8 to 10 inches; 70c per 100, \$5.00 per 1,000.  
NORWAY SPRUCE—8 to 10 inches; 65c per 100, \$4.50 per 1,000.  
RED CEDAR—8 to 10 inches, 70c per 100, \$5.00 per 1,000.

## FOREST AND ORNAMENTAL TREE SEEDLINGS.

Well Rooted Nursery Grown and Lowest Prices.

These are all cultivated, nursery stock, with good roots and are far superior to many of the seedlings pulled from forests and river bottoms, with few if any roots, such as are offered by many nurserymen, and sold through agents. They are intended for planting groves, tree claims, wind breaks, etc., and are always sent by express or freight at purchaser's expense.

BOX ELDER	60c. per 100;	\$4.00 per 1,000
COTTONWOOD	60c. " "	4.00 " "
ELM, AMERICAN	70c. " "	6.00 " "
MAPLE, SOFT	60c. " "	4.00 " "
ASH, WHITE	60c. " "	4.00 " "
MULBERRY, RUSSIAN, extra strong, 2-years-old,	\$1.00 per 100,	\$8.00 per 1,000
MULBERRY, RUSSIAN, 1-year-old,	60c. per 100,	\$4.00 per 1,000



## FLOWERING AND ORNAMENTAL SHRUBS.

It seems a long way from the rose covered cottage of the peasant to the formal garden of the Emperor, but it is the same thing that constitutes the beauty of both. The importance of flowers and shrubbery, as completing architectural beauty, was emphasized at the St. Louis Exposition in the enormous amounts of time, space and money that were given to horticultural decoration. With very little expenditure the plainest farmhouse can be made a vertiable bower and the ugliest suburban home can, by the judicious planting of trellises, vines, shrubs, etc., become the envy of the millionaire across the street. A protruding upper window, ugly in itself, covered with clambering vines and roses is one of the most beautiful things one could imagine. Flowering shrubs appear at their best when planted in groups, but they also show to advantage when planted singly, and by judicious selection of varieties a succession of bloom is assured all summer. In laying out new grounds we advise the extensive use of shrubs, as they make a beautiful showing the first season.

All mail size stock is of A No. 1 quality and is especially grown for customers living at a great distance, and for those far from railroad stations.

We recommend the large size to our customers who live near railroad stations. These large shrubs are for immediate effect; they are carefully packed in light boxes or bales, so that they can be shipped a great distance with very little freight or express charge to our customers.

### ALMONDS.

The blossoms are double, like roses, set closely on the twigs and appear before the leaves in the early spring. The shrub is dwarf.

Price, for large shrubs, 2 to 3 ft., by express or freight, not prepaid, 40c each, one of each variety, 70c.

**DOUBLE PINK**—Blossoms are bright pink. **DOUBLE WHITE**—Snowy blossoms, like white roses.

**ALTHEA.** (Rose of Sharon.)

A very handsome hardy shrub, blossoming from August until October, when other flowers are disappearing. An excellent grower, attaining a height of 6 to 10 ft. It flowers abundantly.

**DOUBLE PURPLE**—Flowers are large and double, and a rich purple with a crimson tinge. A very vigorous and hardy variety.

**DOUBLE WHITE**—The blossoms appear the second season after planting, are large, pure white, double, and borne in great profusion for several weeks in succession, remaining on the plant a long time.

**DOUBLE RED**—A large, handsome blossom, brilliant scarlet shading into a deep crimson.

**DOUBLE VARIEGATED**—The blossoms are striped pink and white, giving a very peculiar appearance when in full bloom.

Price, for large size, 2 to 3 ft., by express or freight, not prepaid, 35c each. One of each of the 4 above named varieties, all properly named, for only \$1.20.

### DEUTZIAS.

This specie of plants comes to us from Japan, thereby insuring beauty and hardiness. The shrubs are hardy, vigorous, adapted to all soils and remarkable for grace, beauty, and prodigality of bloom. The taller varieties are valuable for specimens while the low ones are adapted for borders, grouping or planting near the house. The flowers are tassel-like and clustered in thick wreaths along the drooping branches, appearing in June.

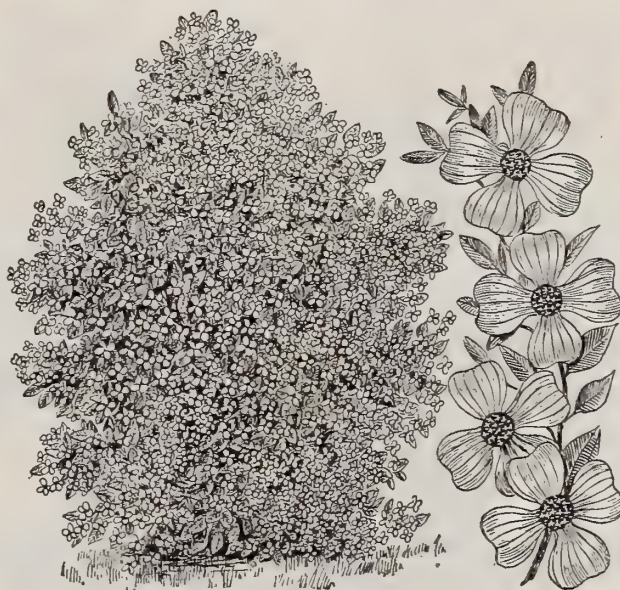
**Crenata, Flora Plena Alba.**

The flowers are very large, double, pure white. The shrub is very hardy and altogether is one of the best Deutzias. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 35c each, 3 for \$1.00.

**Double Rose Colored.** Exquisite blossoms, shaped like a rosette, tinged with delicate pink, very large. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 35c each, 3 for \$1.00.

**Waterii.** A new, single, white, large flowering variety, very hardy. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 35c each, 3 for \$1.00.

**Gracilis.** One of the handsomest of the Deutzias—it forms a low, compact bush, which is covered with blossoms. The flowers are single, pure white and borne lavishly on every branch and twig. It is unsurpassed for the lawn and used by florists for Easter decorations. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, for low bushes with 20 to 30 branches, 12 to 18 inches high, 35c each, 3 for \$1.00.



*Cornus Sanguinea.*

By express or freight, not prepaid, 3 to 4 ft., 35c each, 3 for \$1.00.

### Special Offer.

We will send one of each of the 4 above named varieties by mail, postpaid, for 30c, or we will send 4 large shrubs, all properly named by express or freight, not prepaid, for \$1.00.

### LANDSCAPE WORK.

If you have a new home which you wish to embellish in a correct manner, or an old one which you wish to improve, we will be pleased to assist you. We employ an experienced Landscape Architect who will gladly give you plans and suggestions.



*Calycanthus.*

### Calycanthus. (Sweet Shrub.)

The peculiarity and pleasing fragrance of this shrub, together with its rich foliage and reddish brown flowers make it very desirable. It blossoms in June and at intervals during the summer. It is very hardy and when fully grown is from 6 to 8 feet high. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 3 to 4 ft., 50c each, 3 for \$1.25.

### Cornus Sanguinea.

(Red-branched Dogwood.) A perfectly hardy shrub with a showy red bark, which becomes more brilliant with the approach of winter. In the early spring it is covered with yellow flowers. It is a good sized, handsome shrub and serves as an ornament the year round. Price, by express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.10.

### Ribes Gordonianum or Giant Yellow Flowering Currant.

This is a very beautiful ornamental shrub, of sturdy, vigorous growth and clean, healthy foliage. In the early spring it produces in the greatest abundance small, fragrant, yellow flowers, every branch, twig and stem being literally covered with them. These are followed by a greenish fruit, which changes to purplish black at maturity. For many locations and for a great variety of purposes this shrub is one of the best in our entire list. It will surely please you. Mail size, 10c each, 3 for 25c, postpaid. By express or freight, 2 to 3 ft., 35c each, 3 for \$1.00.



*Deutzia Gracilis.*



*Yellow Currant.*





Golden Elder

**Fringe, White.** A large shrub or small tree with large heavy leaves almost hidden by a mist of fringed white flowers, very fragrant, which appear in the spring with the leaves; very effective when planted against evergreens and beautiful as specimen plants. Price, by mail, postpaid, 20c each, 3 for 50c. By express or freight, not prepaid, 12 to 18 inches high, 35c each, 3 for \$1.00.

**Honeysuckle. Red Tartarian.** One of the oldest and most popular varieties growing from 6 to 10 feet high, forming an upright, compact head, thickly covered in May with scarlet flowers, which are followed by orange berries in the fall. Absolutely hardy, never winter kills nor is affected by insects. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 30c each, 3 for 75c.

**Honeysuckle. White Tartarian.** Identical with the Red Tartarian except in color, the flowers being pure white. Price by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 30c each, 3 for 75c.

**Fringe Purple.** (Smoke Tree.) A large bushy symmetrical shrub, growing from 10 to 12 feet high, with curious, hair-like flowers of a purplish brown color, which give it the names "Purple Fringe" and "Smoke Tree." The blossoms appear in July and remain all summer. Price, by mail, postpaid, 20c each, 3 for 50c. By express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.10.



Purple Fringe.



Hydrangea.

### Hydrangea Paniculata Grandiflora.

This is the handsomest shrub grown anywhere. It is a native of Japan and thrives in all sections of the country, coming into bloom in August when all other shrubs are through flowering. It grows from 8 to 10 feet high, producing great pyramidal panicles of bloom 1 to 2 feet in length and 6 to 12 inches in diameter. The blossoms are at first pure white turning gradually to a delicate pink, hence it grows deeper as the season advances, through the sunset shades to lavender. The blooms dry like "Everlasting Flowers," and can be kept in doors all winter. It is hardy as the oak, never kills back and for specimen plants, groups, borders or ornamental divisions it is very beautiful. To obtain the best results the plants should be severely pruned back each season. Flowers are made on the new wood and the closer it is trimmed the stronger the new growth and blooms will be. We have seen specimens of this plant at our trial grounds carrying over 500 large blooms. Mulch the ground thoroughly around the plant, never allow it to dry out, and give it an abundance of water during the flowering season. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for \$1.00, 12 for \$3.00.

### Special Offer.

One each of the 12 beautiful shrubs listed on this page for \$1.25 postpaid. Or stronger plants by express or freight, not prepaid, for \$3.50.

**Berberry Purple.** This plant has been described as a hedge plant but its effect is fully as good when planted singly or in contrast with golden leaved plants. The leaves are deep violet or purple and in June it produces yellowish-white flowers, which turn to purple berries as the season advances. It grows to a height of 3 or 4 feet, is perfectly hardy, impervious to disease or insects and is very handsome. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 30c each, 3 for 75c.

**Berberry Thunbergii.** A unique and charming Japanese variety, forming low, dense, neat bushes, which produce a profusion of white flowers in May. In early autumn it is aglow with scarlet leaves and berries, the latter clinging to the branches throughout the winter. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 24 to 30 inches high, 35c each, 3 for \$1.00.

**Clethra Alnifolia.** (Sweet Pepper Bush.) A very hardy, neat, upright-growing shrub, not only valued for its beauty and sweetness, but is in demand for the honey-bee to feed upon. Blooms every season, producing pure white fragrant flowers in spikes 3 to 6 inches long. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 ft. high, 40c each, 3 for \$1.10.

**Eleagnus Longipes.** (Japanese Olive or Silver Thorn.) A beautiful shrub of dwarf compact growth. In the early spring it is covered with yellowish white flowers, which are followed by brilliant scarlet berries, which are not only ornamental to the shrub but are good for eating, fresh or cooked. This shrub cannot be too highly recommended. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for \$1.00.

**Golden Elder.** (Sambucus Aurea.) A native of Holland. The leaves are a bright yellow, giving the best effect when planted in contrast to other shrubs. The blossoms, which resemble those of the Common Elder, appear in July. It is a very beautiful shrub, striking and effective, adapted to all parts of the country and very hardy. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 30c each, 3 for 75c.

### Filbert American.

(American Hazelnut.) A large growing shrub, useful for planting in groups for screening purposes as well as for the nuts, perfectly hardy everywhere. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 25c each, 3 for 60c.

### Forsythia Suspensa.

One of the best early flowering shrubs, producing masses of yellow, drooping flowers before any other tree or shrub shows a leaf. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 24 to 30 inches high, 30c each, 3 for 75c.

### The "LOVELY" Lawn Collection of Shrubs.

12 Superb Plants for \$2.00 by express at purchaser's expense.

2 Deutzias. 1 Purple Berberry. 2 Syringas. 2 Hydrangea Paniculata. 2 Lilacs. 1 Snow-ball. 2 Spireas.

The above collection in mail size plants for \$1.00 postpaid.



[Honeysuckle Tartarian]



**Kerria, Japonica.** (Globe Flower.) A graceful, slender shrub, growing 4 to 5 feet high, producing in great abundance double, yellow, globe-shaped flowers from early summer till autumn. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 18 to 24 inches high, 30c each, 3 for 75c.

## LILAC.

**Large Flowering Purple.** A well-known and popular shrub. The flowers are a deep purple and their familiar fragrance is loved by all. The Lilac is very easy of culture, grows in any soil and location and stands poor treatment and neglect better than any shrub we know. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for \$1.00.

**Large Flowering White.** Identical with the above, except in color, the flowers being pure white. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for \$1.00.

**Josikea, Hungarian.** A fine distinct species, of tree like growth, with dark shining leaves and purple flowers in June after other sorts are through blooming. Particularly esteemed for its foliage and habit. Price, by express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for \$1.00.

**Belle de Nancy.** A robust grower, forming nice rounded tops in a short time. Blooms very late, producing very large, double, light purplish blooms, tinged with blue, lighter towards the centre. Price, by express or freight, not prepaid, 18 to 24 inches, 40c each, 3 for \$1.10.

**Marie Le Gray.** Superb, cream white flower plumes, of large size. Bush of dwarf compact growth and attractive foliage. Extra choice and valuable for forcing. Price, by express or freight, not prepaid, 18 to 24 inches, 50c each, 3 for \$1.25.

**Giant Tree Lilac.** A magnificent variety from Northern Japan; one of the finest. The blossoms are borne in panicles 18 to 20 inches long, are pure white, very fragrant and appear a month later than other varieties. It forms a tree 20 to 30 feet high, the foliage being large, dark green. Price, by mail, postpaid, 20c each, 3 for 50c. By express or freight, not prepaid, 18 to 24 inches high 50c each, 3 for \$1.25.

## Magnolia Accuminata.

A beautiful, pyramidal growing shrub with large, glossy leaves and yellow flowers tinted bluish purple. The fruit cones are large, cucumber shaped, turning crimson in the autumn. Price, by mail, postpaid, for strong plants, 20c each, 3 for 50c.

## Prunus Pissardi.

(Purple Leaf Plum.) One of the finest purple-leaved small trees or shrubs. The young branches are dark purple, the leaves, when young, crimson, changing to dark purple. In spring it bears a profusion of white blossoms. Winter pruning gives stronger shoots and darker leaves. Price, by express or freight, not prepaid, 4 to 5 ft., 50c each, 3 for \$1.25.

## QUINCE, JAPAN. (Pyrus Japonica.)

This has been described among the hedges. Its large, brilliant, scarlet flowers appear among the first in the spring in great profusion. The foliage is bright green and glossy, retaining its color throughout the summer. It is sufficiently thorny to make a defensive hedge and is at the same time very beautiful. It is very effective as a specimen plant, in borders or in groups. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.00.



Lilac Josikea.



Kerria.

**Prunus Triloba.** (Plum, Double Flowering.) A very desirable, handsome shrub introduced from Japan. Flowers semi-double, an inch or more in diameter, of a delicate pink tint, set thickly on the twigs and produced in early spring. A most handsome ornament to any lawn. Price, by express or freight, not prepaid, 3 to 4 ft., 40c each, 3 for \$1.00.

## "Good Value" Collection of Hardy Herbaceous Perennials.

No class of plants will yield better or more pleasing results than these. They require but little care and yield a rich harvest of bloom on the lawn. Price, 25 Choice Plants, \$2.00, postpaid. 25 Strong Clumps, by express, for \$3.00.

- 3 ACHILLEA—The Pearl.
- 3 PHLOX.
- 4 HARDY MARGUERITES.
- 5 GIANT COREOPSIS.
- 3 GOLDEN GLOW.
- 2 IRIS OR FLEUR de LIS.
- 2 PAEONIAS.
- 3 MELICA ALTISSIMA.



Snowball, Large Flowering.

## SNOWBALLS.

These give the showy effect in spring that hydrangeas do in the fall. They are large, hardy and quick growing.

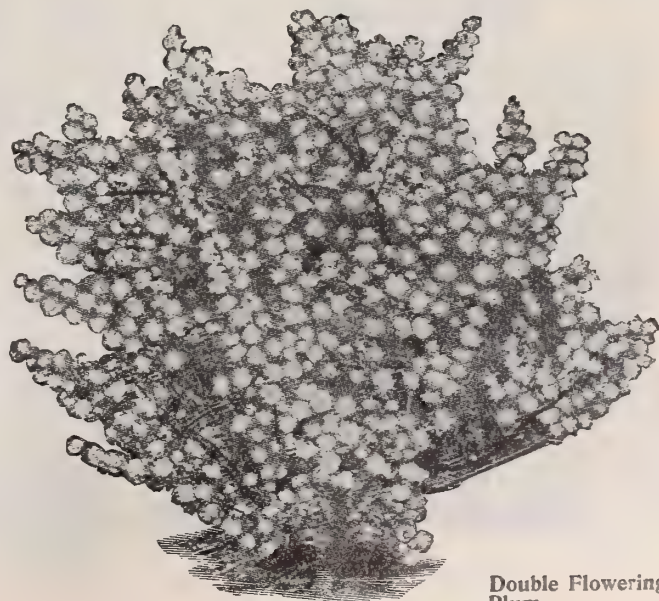
**Large Flowering.** This attains a height of 10 to 12 feet. Blooms in the latter part of May and is used extensively for Memorial Day decorating. Flowers are large balls, pure white, borne in clusters of 5 or 6. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 45c each, 3 for \$1.10.

## High Bush Cranberry.

(Opulus.) Both ornamental and useful. It produces large red berries resembling cranberries, which are esteemed by many for pies, jellies, etc. These hang on the plant until killed by frost and are at all times beautiful. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 40c each.

**Snowberry.** (White.) A most beautiful little shrub, producing a profusion of flowers in early summer, and large, white, waxen berries in autumn. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.00.

**Salisburya.** A beautiful shrub often grown in tree form. The leaves resemble those of the Maiden Hair Fern. If pruned several times while young, it will form a round, compact headed bush. Price, by mail, postpaid, 20c each, 3 for 50c.



Double Flowering Plum.





SPIREA VAN HOUTTI

**Weigelias.** These shrubs bloom after the Lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape, of all colors from white to red, and borne in clusters thickly all along their branches. Used for borders, groups, immediate effects and low screens.

**ABEL CARRIERE**—Blossoms are a bright rose. One of the best.

Price, by mail, postpaid 15c each, 3 for 40c. By express or freight, not prepaid, 3 to 4 ft., 40c each, 3 for \$1.00.

**CANDIDA**—An erect, vigorous grower, producing pure white blossoms of rare beauty, in the greatest profusion in June and continuing throughout the summer. Price, by mail, 15c each, 3 for 40c. By express or freight, not prepaid, 3 to 4 ft., 40c each, 3 for \$1.00.

**Kost Variegata.** Of dwarf, compact growth, leaves bordered with yellow, flowers deep rose—very fine. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for 90c.

**Rosea.** Bears an abundance of rose colored flowers in May and June. Introduced from China and valuable for specimens. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for 90c.

**Rosea Nana Variegata.** One of the most conspicuous shrubs that we cultivate; leaves beautifully margined creamy white; flowers pink. It is a dwarf grower and admirably adapted to small lawns or gardens. Unsurpassed for ornamental hedges and most beautiful at all times. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.00.



Syringa Grandiflora.



Weigelia Kost Variegata.

### Syringa Grandiflora.

A large, showy shrub, with curved branches, laden with large, showy flowers having a faint fragrance. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 40c each, 3 for \$1.

### "Good Value" Collection of Hardy Herbaceous Perennials.

They require but very little care or attention, are perfectly hardy and yield a rich harvest of bloom on the lawn. For description see pages 90 and 91.

25 CHOICE PLANTS \$2.00 postpaid.  
25 STRONG CLUMPS, by express, for \$3.00.

- 3 ACHILLEA, The Pearl.
- 3 PHLOX.
- 4 HARDY MARGUERITES.
- 5 GIANT COREOPSIS.
- 3 GOLDEN GLOW.
- 2 IRIS OR FLEUR de LIS.
- 2 PAEONIAS.
- 3 MELICA ALTISSIMA.

## SPIREAS.

Some varieties of this class of shrubs are in bloom nearly all the season. All kinds have a riotous extravagance of bloom that renders them very attractive. They are so varied in flower, leaf and growth that monotony from planting too many kinds is impossible. They are hardy and are easily grown in all situations. A collection of all the different varieties which we offer will give much pleasure.

**Anthony Waterer.** Makes a dwarf bush 18 to 24 inches high, covered from spring till late in the fall with large heads of crimson flowers. Perfectly hardy. Grand for border to taller growing shrubs, single specimen plants for the lawn or for winter and spring blooming in pots.

Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 18 to 24 inches, 35c each, 3 for 90c.

**Callosa Alba.** A dwarf variety bearing pure white flowers in great profusion. Keeps all summer. A good companion to A. Waterer. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, strong, bushy plants, 18 to 24 inches, 35c each, 3 for 90c.

**Douglassi.** Flowers of a beautiful rose color, massed on long spikes, in July and August. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 30c each, 3 for 75c.

**Billardii.** One of the prettiest on the list. Bears handsome spikes of pink blossoms from June until killed by the frost in late Autumn. It forms beautiful hedges for lawns and along sidewalks. It may be kept low by pruning it in the early spring. It is also valuable for covering old fences in the backyard, but in this case should not be pruned very much. For groups, in beds, on the lawn, it is always attractive and desirable. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, 3 to 4 ft., 25c each, 3 for 60c, 12 for \$1.80.

**Golden.** This is one of the most effective shrubs for a lawn; foliage green, bordered with a rich golden yellow; very distinct and beautiful, particularly in June, when the branches are covered with double white flowers. Price, by mail, postpaid, 15c each, 3 for 40c. By express or freight, not prepaid, 2 to 3 ft., 50c each, 3 for \$1.25.

**Van Houtti.** One of the most charming and beautiful of the Spireas, having pure white flowers in clusters or panicles an inch in diameter. Astonishingly profuse in bloom, and plants remarkably vigorous and hardy. But recently introduced from France, and considered by many the finest flowering shrub in cultivation. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.00.

## SYRINGA OR MOCK ORANGE.

This is a deservedly popular shrub, with large clustered fragrant white blossoms and handsome leaves. The tall growing sorts blossom profusely and are unsurpassed in their season, the dwarf kinds not blooming so much, but making pretty, compact little shrubs with bright leaves.

**Golden Leaf.** A brilliant little shrub, with bright golden leaves, retaining its color throughout the entire season. Grouped with green and purple leaved shrubs it produces fine effects. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 35c each, 3 for 90c.

**Coronarius.** A medium sized shrub, bearing an abundance of white, sweet-scented flowers, the last of May. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 2 to 3 ft., 40c each, 3 for \$1.00.

**Columbiana.** An excellent shrub of good size and habit, blooming profusely. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 40c each, 3 for \$1.00.

mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 3 to 4 ft., 40c each, 3 for \$1.00.



Spirea Billardi.



## HARDY ORNAMENTAL VINES.

The ivy crowned tower and the vine covered cottage have been storied and famed, and justly so, for there is nothing that so adds to the beauty and comfort of a home as the planting of vines. In a new home they cover up the rough and bare places and before the trees are large enough to afford shelter, will screen sunny porches, hides ugly fences and walls, while to an old house they give a quaint setting of luxurious foliage—hiding shabby places and making a bower of the plain, old-fashioned farm house. We offer the most desirable hardy sorts and recommend the free use of them. All plants quoted here sent by mail at prices named. Dozen lots sent by express at purchaser's expense, at ten times price of single plants.

**Actinidia Polygama.** (Silver Sweet.) The foliage resembles the Lilac. On the ends of the flowering shoots the third season it changes to a silvery white color, giving the effect of large white flowers among the green leaves. The blossoms appear in June, are creamy white, with bright yellow anthers, and a fragrance resembling the Lily of the Valley. Price, by mail, postpaid, 10c each, 3 for 25c. Strong, 3-year-old plants, by express or freight, not prepaid, 35c each, 3 for 90c.

**Ampelopsis Quinquifolia.** (Virginia Creeper.) A well known, hardy native climber. Price, by mail, postpaid, 10c each, 3 for 25c. Strong, 3-year-old plants, by express or freight, not prepaid, 30c each, 3 for 75c.

**Ampelopsis Englemanni.** (Engleman's Ivy.) This is one of the hardiest and best climbers for the North and Northwest ever introduced. The foliage resembles that of the Virginia Creeper, but the vines cling closely to brick walls, etc., by means of small disc-like feet or climbers like the Japan Ivy. Price, by mail, postpaid, 10c each, 3 for 25c. Strong, 3-year-old plants, by express or freight, not prepaid, 35c each, 3 for 90c.

**Ampelopsis Veitchi.** (Japan or Boston Ivy.) A rapid grower, with small, purplish green leaves, which change in autumn to beautiful tints of crimson and orange. Price, by mail, postpaid, 15c each, 3 for 40c. Strong, 3-year-old plants, by express or freight, not prepaid, 35c each, 3 for 90c.



Honeysuckle.

## HONEYSUCKLES.

These loved old vines have lately been put to a number of new uses, especially in the line of covering hedges and bare patches of ground on banks and under trees where grass will not grow. For porches, trellises and arbors they have always been popular. In sheltered places they are nearly evergreen.

**Scarlet Trumpet.** The most brilliant variety of all the Honeysuckles, producing thick clusters of long, tubular, scarlet blossoms and bluish green leaves. Price, by mail, postpaid, 15c each, 3 for 40c. Strong, 3-year-old plants, by express or freight, not prepaid, 35c each, 3 for 90c.

**Wistaria.** A perfectly hardy and popular vine with large clusters of purple flowers. Price, by mail, postpaid, 15c each, 3 for 40c. Strong, 3-year-old plants, by express or freight, not prepaid, 35c each, 3 for 90c.

MATRIMONY VINE—See page 90.

## "Cream Collection" of Climbing Vines.

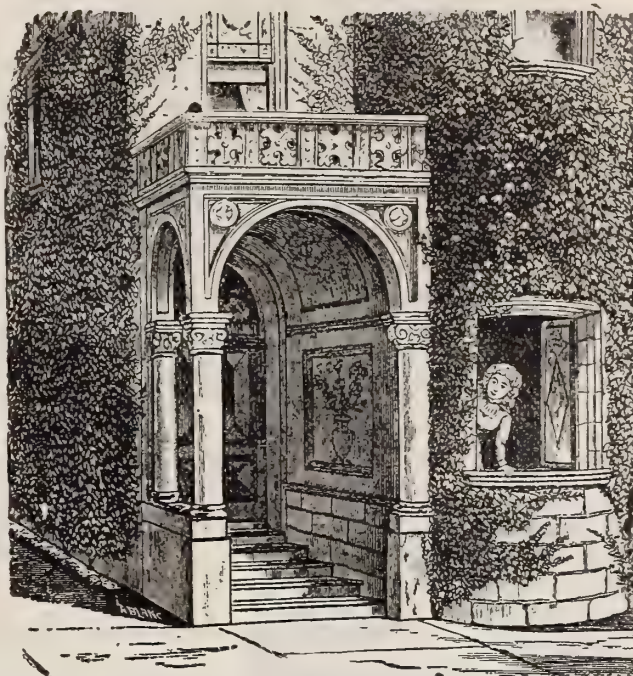
We will send the following 6 hardy vines, all strong, 3-year-old plants, and properly named, for only \$1.25, by express or freight, not prepaid:

- 1 ACTINIDIA POLYGAMA.
- 1 AMPELOPSIS QUINQUEFOLIA.
- 1 CELASTRUS SCANDENS.
- 1 CLEMATIS PANICULATA.
- 1 HONEYSUCKLE—SCARLET TRUMPET.
- 1 MATRIMONY VINE.

We will send one mail-size plant of each of the above 6 varieties for 55c, postpaid.

## Celastrus Scandens.

(Bitter Sweet.) A very hardy native twining vine with yellow flowers, followed by clusters of orange-scarlet berries. Price, by mail, postpaid, 10c each, 3 for 25c. By express or freight, not prepaid, 30c each, 3 for 75c.



Ampelopsis Englemanni.

## CLEMATIS.

In grace of foliage and beauty of blossom the Clematis surpass all other climbing plants and vines. When given proper care and attention they make very rapid growth and well repay the labor bestowed upon them. They require a deep soil, richly fertilized. Most varieties are benefitted by a slight protection during the first two or three winters.

**Paniculata.** Hardy in all parts of the United States. The blossoms are pure white, very fragrant and borne in great bunches or clusters, covering the plant so completely as to almost hide from view the rich glossy green foliage. Price, by mail, postpaid, 20c each, 3 for 50c. Strong, 3-year-old plants, by express or freight, not prepaid, 35c each, 3 for 90c.

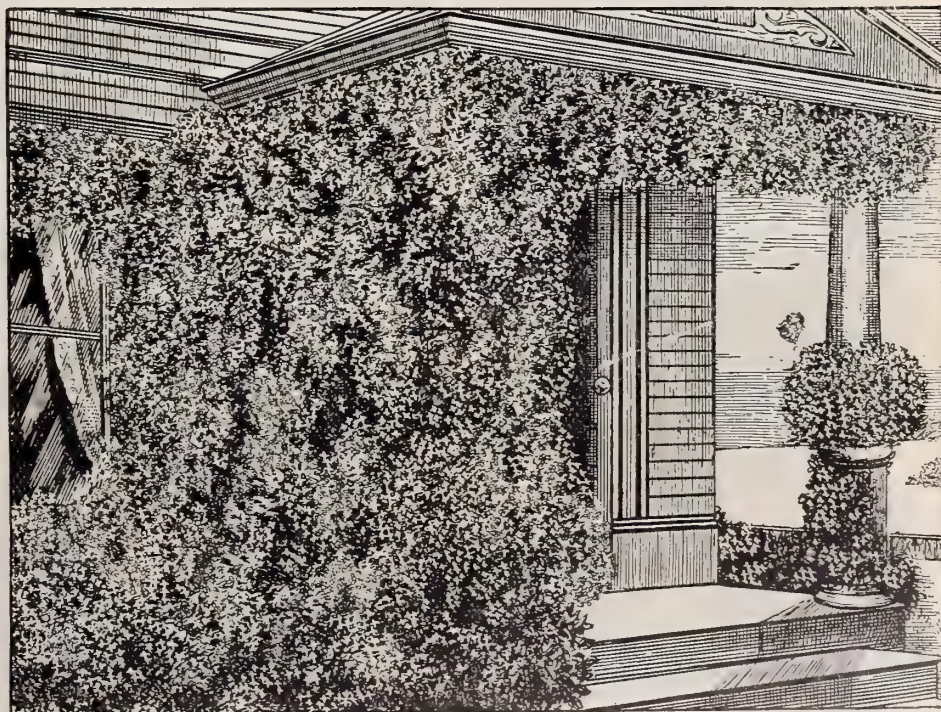
**Jackmanni.** The best of all the large flowering varieties. Color a deep violet purple. A strong rampant grower succeeding well in all locations and perfectly hardy everywhere. Price, by mail, postpaid, 25c each, 3 for 60c. Strong, 3-year-old plants, by express or freight, not prepaid, 50c each, 3 for \$1.25.

**Henryi.** The best large flowering white variety. Price, by mail, postpaid, 25c each, 3 for 60c. Strong, 3-year-old plants, by express or freight, not prepaid, 50c each, 3 for \$1.25.

**Ramona.** A rampant grower and one of the strongest varieties. The blossoms are larger than those of any other variety, measuring 6 to 7 inches in diameter, are a deep sky blue in color, distinct from any other kind and very attractive. Price, by mail, postpaid, 25c each, 3 for 60c. Strong, 3-year-old plants, by express or freight, not prepaid, 50c each, 3 for \$1.25.

**Mme. Edward Andre.** Flowers are large, velvety red. Price, by mail, postpaid, 25c each, 3 for 60c. Strong, 3-year-old plants, by express or freight, not prepaid, 50c each, 3 for \$1.25.

**Bignonia Radicans.** (Trumpet Flower.) An excellent vine with handsome lance shaped leaves. The flowers are orange and scarlet. Price, by mail, postpaid, 15c each, 3 for 40c. Strong, 3-year-old plants by express or freight, not prepaid, 35c each, 3 for 90c.



Clematis Paniculata.





Matrimony Vine.

**CARPATICA ALBA**—Of dwarf habit, with pure white blooms throughout the summer.  
**PRYMDALIS**—(Heavenly Blue.) Erect, pyramidal-shaped stalk, with large handsome blue flowers.  
 Price, by mail, postpaid, 15c each, one of each variety, for 25c. Extra large clumps by express or freight, not prepaid, 30c each; one of each variety for 50c.

**Chrysanthemum Maximum.** (Marguerites.) The blossoms are of large size, pure white, of great substance lasting a week or more in perfect condition when cut. They are perfectly hardy and bloom profusely throughout the entire summer. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**Coreopsis, Giant Golden.** A graceful plant commencing to bloom in June and continuing, a mass of golden loveliness until the severe frosts of autumn, therefore very desirable for beds. The flowers borne in profusion, are a rich, golden color and on account of the thin stems make beautiful bouquets. A most satisfactory plant in every respect. Price, by mail, postpaid, 15c each 3 for 35c. Extra large clumps by express or freight not prepaid, 25c each, 3 for 60c.

**Centaurea Babylonica.** Silvery white foliage and large, double yellow flowers during July and August. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 30c each, 3 for 75c.

**DIGITALIS**—(Foxglove.) A handsome and highly ornamental, hardy plant, of stately growth. Purplish blooms produced in long terminal racemes. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.



**DIANTHUS BARBATUS**—(Sweet William.) One of the most charming of spring flowers. Too well known to require a description. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express, or freight, not prepaid, 25c each 3 for 60c.

**GAILLARDIA GRANDIFLORA**—(Blanket Flower.) The center is dark reddish brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermilion. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**GALEGA OFFICINALIS** Produces showy racemes of rosy purple flowers in great profusion. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**HIBISCUS.**  
**Crimson Eye**—The flowers are immense in size, often measuring 20 inches in circumference. Color, white, with deep velvety crimson eye. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**HELIOPSIS**—(Orange Sunflower.) Similar in general habit to the Sunflowers, but commences to bloom earlier in the season, and is of dwarf habit. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 25c each 3 for 60c.

**HESPERIS MATRONALIS**—A strong growing, pretty perennial, 3 to 4 ft. high, with showy terminal spikes of rosy pink flowers in June and July. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**Matrimony Vine.** (*Lycium Chinensis*.) This is a most vigorous, hardy, climbing plant when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza, or in any location where a quick growing hardy climber is desired. It sends out numerous branches so that it covers a great amount of space in a short time, and every new growth is at once covered with flowers, which are succeeded by beautiful berries nearly an inch long, every branch being loaded down with them. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine until the early winter. It will grow and thrive in any situation, either shade or bright sunlight and will take root in any soil. Valuable as it is for covering fences, etc., it is even more desirable for clambering over stone walls, bare rocks or unsightly banks, covering them quickly with bright green foliage and later on rendering them objects of beauty with its wealth of purple flowers and scarlet berries. Price, by mail postpaid, 10c each, 3 for 25c. Strong, 3-year-old plants, by express or freight, not prepaid, 25c each, 3 for 60c.

## HARDY PERENNIALS.

No class of plants will yield better or more pleasing results for the money invested than these Hardy Perennials. They require very little care or attention, are perfectly hardy, and yield a rich harvest of bloom.

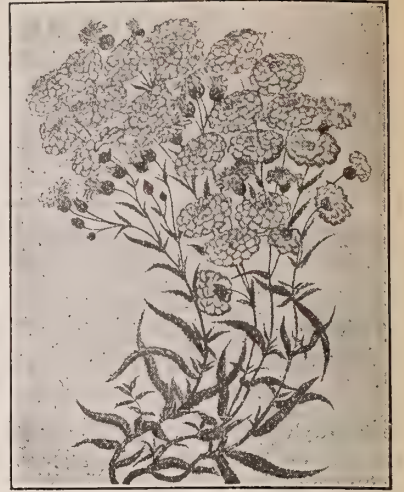
**Anthemis Tinctoria.** (Golden Button.) One of the prettiest of the summer flowering Perennials, with large deep yellow flowers. The plant is of dense, bushy growth, about 15 inches high, blooming continuously through the entire summer. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 20c each, 3 for 50c.

**Achillea, The Pearl.** Flowers are large, double, pure white and borne in the greatest profusion during the entire summer, on strong, straight stems from 18 inches to 2 feet long. Excellent for summer bouquets and unsurpassed for borders and permanent beds. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 20c each, 3 for 50c.

**Aquilegia.** Mountain Columbine. In foliage, flowers and stems the Columbines have an air of classical elegance that gives them a high rank among Perennials. They grow about 2 feet high and succeed in any soil. Price, for any of the following varieties, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.  
**COERULEA**—The true blue of the Rocky Mountain, very handsome.  
**CHRYSANTHA**—Beautiful golden spurred Columbine. Rich yellow blossoms.  
**CHRYSANTHA ALBA**—Pure white blossoms.  
**HYBRIDA GRANDIFLORA**—Soft rosy pink, largest and best of all.

## CAMPANULA.

(Bell Flower.) An important class of hardy plants, producing handsome, bell-shaped blossoms in great profusion.



Achillea.



Iris.



Aquilegia.



**Hollyhocks.** Few hardy plants combine as many good qualities as these. They require a rich, deep, well-drained soil and will repay in bloom any extra care bestowed upon them. We have them in four shades of color, all double blossoms. Pink, red, white and yellow. Price, by mail, postpaid, 15c each, the entire set of four for 40c. Extra large clumps by express or freight, not prepaid, 25c each, the entire set for 80c.

**Hypericum Moserianum.** The flowers are 2 to 2½ inches in diameter, of rich golden yellow rendered effective by numerous yellow stamens and crimson anthers. Price, by mail, postpaid, 10c each 3 for 25c. Extra large clumps, by express or freight, not prepaid, 25c each, 3 for 60c.

**Iris Germanica.** A very beautiful spring flowering plant producing large lily blossoms of the most exquisite colors. It delights in low, wet ground, but does well in any good garden soil. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps, by express or freight, not prepaid, 25c each, 3 for 60c.

**Lychnis.** (Haageana Hybrida.) Brilliant orange scarlet flowers in May and June, grows 12 to 18 inches high.

**CORONARIA ROSEA**—Deep pink, very pretty.  
**CORONARIA, ALBA.**—(Pure White.) Price, by mail, postpaid, 15c each, one of each variety for 25c.

Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**Linum Perenne.** A very desirable plant either for border or rockery, with light, graceful foliage and large blue flowers from June until September. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**Melica Altissima, (Japanese Plume.)** This is a remarkably fine ornamental grass, imported from Japan a few years since and grown by us for three years past. It forms medium sized plants of loose, rounded form, and throws up spikes of handsome fluffy reed heads, which dry up and remain on the stem a long time. Very pretty for decorating and for everlasting bouquets. As a border plant, or for mixed shrubberies or specimen plants on the lawn, nothing can equal this beautiful grass. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 20c each, 3 for 50c.



Japanese Plume Grass.

**Monarda Didyma. (Oswego Tea.)** A showy plant, growing from 2 to 3 feet high, with aromatic foliage, producing bright, scarlet flowers in spikes during July and August. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

## PAEONIAS.

**Agida.** Rich glowing, dark crimson. Perfectly double blossoms of immense size, perfect form and intense beauty. Of all the glowing colors we have ever seen there is nothing to surpass this.

**Queen Victoria.** This is an immense pure white double blossom of rare beauty. The blossoms are finely fringed and as handsome as the finest roses, opening up large and full and remaining in bloom a long time.

**Rosea Maria.** This is one of the best delicate pink blooms we have ever known. The blossoms are large and full, fragrant, remain open a long time before dropping. The plant is strong, sturdy and vigorous. Price, 40c each, or the 3 for \$1.00, postpaid.

**BARON ROTHSCHILD**—Bright, rose pink.

**DUKE OF WELLINGTON**—Ivory white, with creamy white centre.

**LOUIS VAN HOUTTE**—Rich reddish purple.

Price, by mail, postpaid, 35c each, 3 for 90c; the entire collection for \$1.50.

Extra large clumps by express or freight not prepaid, 60c each, 3 for \$1.50.

The entire collection of 6 varieties for \$2.50.

**Platycodon. (Balloon Flower or Japanese Bell Flower.)** Forms neat branched bushes of upright habit, blooming from June until October with beautiful blue bell-shaped flowers. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.

**Phlox. (Hardy Perennial Varieties.)** Among the hardy, perennial plants the Phloxes easily hold first place. They succeed in almost any position and flower from early summer till late fall. Price, by mail, postpaid, 10c each, the entire collection of 6 varieties for 50c. Extra large clumps by express or freight, not prepaid, 30c each, 3 for 75c. The entire collection of 6 varieties for \$1.25.

**CARAN DOCHE**—Rosy carmine.

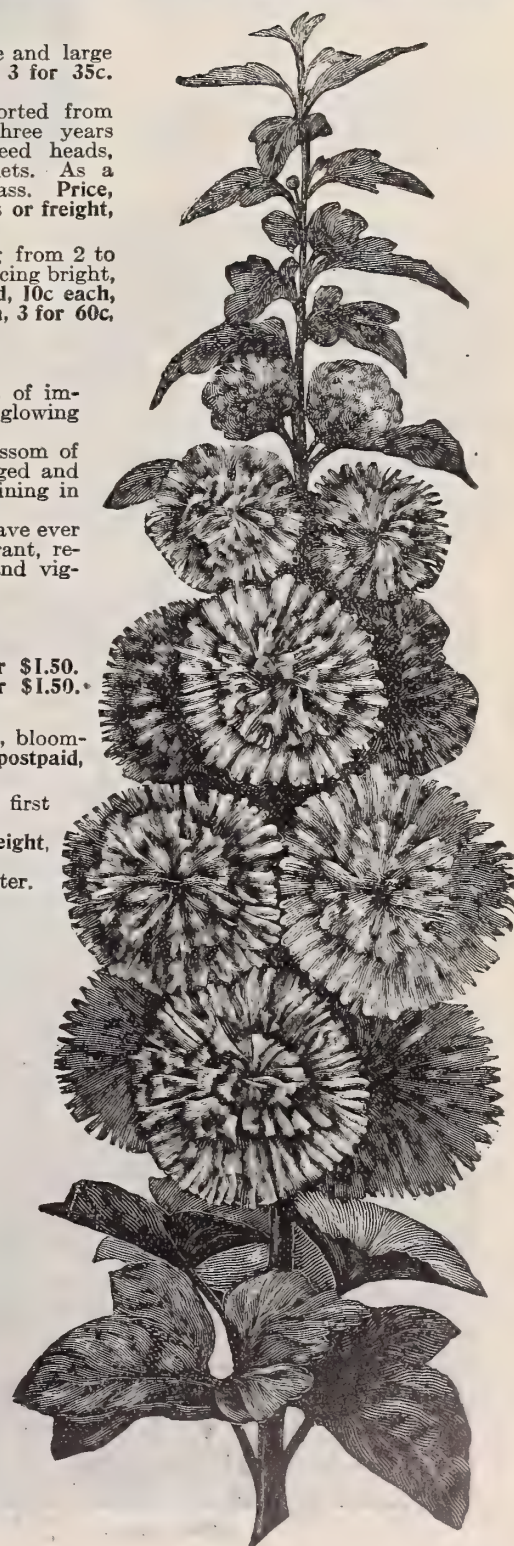
**J.-H. SLOCUMB**—Bright pink, deep red center.

**THE QUEEN**—Snow white, blossoming from the middle of July to the end of August.

**RICHARD WALLACE**—Pure white, with bright violet and purple eye.

**MINNESOTA BEAUTY**—Lilac, with white center.

**M. P. SANGER**—Rich crimson.



Japanese Hollyhocks





## The Japanese Flower Garden.

EVERYTHING HARDY.  
EVERYTHING BEAUTIFUL.  
EVERYTHING USEFUL.  
THE BEST COLLECTION OF  
JAPANESE PLANTS, VINES,  
SHRUBS and FLOWERS

Ever offered by any American firm. Japan has long been noted for its beautiful plants, trees, shrubs and flowers, so that the name "Flowery Kingdom" is most aptly applied to the Island Empire, which has suddenly come into such great prominence in the world's history. It has long been a well known fact with all Horticulturists of this country that anything introduced from Japan bears the imprint of hardiness and beauty. Many of our best varieties are from that country. It gives us pleasure to offer this year so fine a collection as this, which we know will prove perfectly hardy and please our customers in every particular, and places within the reach of everyone a genuine Japanese Garden Collection at a very low price.

Thirteen Plants, Shrubs, etc.—one of each of the following for \$1.00 postpaid, or 13 Extra Strong Heavy Plants by express or freight for \$1.75, 3 Collections for \$5.00.



Japanese Flower Garden.

- "Emperor" Rudbeckia.** A hardy handsome perennial producing in late summer, large, double, compact bright golden blossoms on stems from 6 to 10 ft. in height. Hardy everywhere.
- Matrimony Vine.** This useful climber originated in China but is now extensively grown in the Mikado's gardens and throughout Japan. Its great value for ornament, shade, etc., is fully described on page 90.
- Snowball.** The great beauty and usefulness of these desirable shrubs are well known. They are as necessary to every well planned garden or lawn as sugar is to a grocer.
- Pyrus Japonica.** (Japan Quince.) A beautiful, hardy shrub with large, brilliant, scarlet blossoms in early spring.
- Oriental Iris.** The surpassing beauty of these flowers cannot be expressed in words. Their large, orchid-like blooms are beyond comparison.
- Japanese Pæony.** These Pæonies always yield a rich harvest of bloom and far surpass the ordinary sorts.
- The Mikado Bellflower.** A hardy, handsome perennial, producing a great abundance of graceful bell-shaped blossoms.
- Gold Banded Japan Lily.** This charming Lily from across the Pacific is one of the most beautiful in cultivation. The large, showy blossoms are distinctly marked with broad golden bands on each petal.
- Mikado Hollyhock.** A very free flowering variety, with large, handsome spikes of bloom.



Golden Glow.

**Japanese Hydrangea.** Produces large, pyramidal panicles of bloom late in the season. Perfectly hardy and grows everywhere.

**Korean Chrysanthemum.** Large, white blossoms with bright yellow centre, produced continuously throughout the season.

**Melica Altissima.** (The Japanese Plume Grass.) Compact, bushy plants, bearing long spikes of handsome fluffy seed heads that remain on the plant all summer, that can be cut and used for everlasting flowers.

**Japan Olive.** A showy, attractive shrub, producing pale yellow flowers in May, which hang in wreaths along the branches. These are followed by red berries about the size of currants.

**Rudbeckia, Golden Glow.** Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth attaining a height of from 6 to 10 feet. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow, cactus dahlia. As a cut flower for vases it has no equal. It blossoms in late summer when most shrubs and plants are through blooming and presents a most dazzling appearance with its immense wealth of golden flowers. Price, by mail, postpaid, 10c each, 3 for 25c. Extra large clumps by express or freight, not prepaid, 20c each, 3 for 50c.

**Yucca.** (Adams Needle.) Among hardy, ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword like foliage and tall, branched spikes of large fragrant, drooping, cream-white flowers during June and July render it a very effective plant for all positions. Price, by mail, postpaid, 15c each, 3 for 35c. Extra large clumps by express or freight, not prepaid, 25c each, 3 for 60c.



Yucca.

## The Peerless Collection of Hardy Perennials.

Seven distinct, beautiful hardy Perennials, strong plants all properly named for only 50c, postpaid. For descriptions see preceding pages.

1 Achillea, The Pearl.

1 Rudbeckia. New, large flowering Golden Glow.

1 Melica Altissima. Beautiful Ornamental Grass.

1 Anthemis, Tinctoria. (The Golden Button.)

1 Phlox, Minnesota Beauty.

1 Iris Germanica. The true Fleur-de-Lis.

1 Paeony Rosea Maria.

This is certainly one of the finest collections we have ever been able to offer for such a low price.

We will send 7 extra large clumps, one of each of the above 7 varieties, all properly named, by express or freight, not prepaid, for only \$1.00.

When buying from us, you buy direct from the growers and you save middleman's profits. You are cordially invited to visit our 300 acre nursery, our extensive seedhouses and greenhouses.





No. 2 CYPHERS INCUBATOR.

Under this arrangement all who purchase from us are insured ample protection. By special arrangement with the manufacturers, we are now in a position to sell Cyphers Incubators F. O. B. cars St. Paul, Minn., at exactly factory prices, as follows:

No. 0, 60 Hen Eggs or 48 Duck Eggs.....	\$12.00	No. 2, 220 Hen Eggs or 190 Duck Eggs.....	\$24.00
No. 1, 120 Hen Eggs or 100 Duck Eggs.....	17.00	No. 3, 360 Hen Eggs or 290 Duck Eggs.....	30.00

If you are further interested in Incubators or other Cyphers manufactures, send 10 cents to pay cost of mailing 212-page main Incubator and Brooder Catalogue. 32-page descriptive circulars and price list, free.

## LOW-PRICED INCUBATORS.

There is a considerable demand for a low-priced incubator, and while we do not have great faith in other than the very best machines, we believe that we are warranted in offering such a machine as can be purchased by people who wish to attempt artificial incubation, and yet not risk a great amount of money. This machine is manufactured by the Cyphers Incubator Co., and while it is not as good a machine as their standard incubator, it is a better machine than any other low-priced incubator on the market, and will, under ordinary, favorable conditions, hatch a good percentage of the eggs entrusted to it. It is made in two sizes. These machines are both made of kiln-dried lumber, and all joints are thoroughly glued together and fastened with cement-coated nails. The regulating device of these machines is simple and very effective. The main difference between the Farm Economy and the Boys' Choice is that of size; and the fact that the Boys' Choice has only a single wall, while the Farm Economy has double walls. Being smaller, the Boys' Choice has no nursery, yet is equipped with lower diaphragm attached to bottom of egg tray. Both are self-regulating, self-ventilating and non-moisture incubators. We believe them to be better than any other incubators on the market of like capacity and price.

Farm Economy, 100 eggs.....	\$100.00	Boys' Choice, 50 eggs.....	\$6.50
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## CYPHERS UNEQUALLED APARTMENT BROODERS.

FREE ON BOARD CARS ST. PAUL, MINN.

Cyphers Brooders, like Cyphers Incubators, are correct in principle; are durably made out of suitable material; are fire-proof, wind-proof and storm-proof, and guaranteed to be the best brooder on the market regardless of price. They are fit companions for the Standard Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating and Self-Regulating Incubators, and with reasonable attention will take proper care of the chicks until they are ready to shift for themselves.

### Style "A" Outdoor Brooder.

Next to its incubators the Cyphers Incubator Company especially prides itself on its Style "A" Three-Apartment Outdoor Brooder, which is pronounced by thousands of users to be the best brooding device invented thus far for indoor and outdoor use. The Style "A" Brooder is 36x60 inches in size; has three apartments; one, under the hover, averaging 90 degrees in temperature; one, outside the hover, averaging 80 to 85 degrees, and a separate apartment for a run-way which averages 70 degrees. This Brooder is roofed with tin; is heated by a Cyphers Safety Brooder Stove, and with reasonable care will last many years. Like the Cyphers Incubators we are able to offer the Cyphers Brooders at factory prices, F. O. B. St. Paul, Minn.

Style "A" Outdoor Brooder.....	\$12.00	Style "B" Indoor Brooder.....	\$10.00
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## POULTRY SUPPLIES.

We carry a full and complete line of poultry supplies of every description and will mail our special supply catalogue on request.

**CHICK FOOD.** A perfect food for young chicks. 50 lbs. \$1.50, 100 lbs. \$2.50.  
**BEEF SCRAPS.** 50 lbs. \$1.50, 100 lbs. \$2.50.  
**GROUND BONE.** 10 lbs. 35c, 25 lbs. 75c, 50 lbs. \$1.25, 100 lbs. \$2.25.  
**FORCING FOOD.** 50 lbs. \$1.15, 100 lbs. \$2.00.  
**SCRATCHING FOOD.** 50 lbs. \$1.15, 100 lbs. \$2.00.  
**LAYING FOOD.** 50 lbs. \$1.15, 100 lbs. \$2.00.  
**CRUSHED SHELLS.** 25 lbs 35c, 50 lbs. 50c, 100 lbs. 75c.  
**COMPLETE GRIT.** Hard, sharp, light-colored, containing all the essentials of a perfect Poultry Grit.  
 No. 1, for Brooder Chicks. No. 2, for Half-Grown Chicks. No. 3, for Hens, Turkeys, Ducks, Geese, etc. 25 lbs. 35c, 50 lbs. 50c, 100 lbs. 75c.  
**EGG STIMULANT.** A general tonic and a guaranteed egg producer. Pkg. 25c, postpaid 30c.  
**LICE PAINT.** 1-qt. can 35c. 2-qt. can 60c, 1-gal. can \$1.00, by express only, cannot be mailed.  
**LICE POWDER.** 5-oz. pkg. 10c, postpaid 15c, 15-oz. box 25c, postpaid 40c; 48-oz. box 50c, 100-oz. pkg. \$1.00, by express.  
**NAPCREOL.** A perfect disinfectant and disease preventive. Guaranteed to do the work. 1 gallon makes 100 gallons of disinfectant. ½-gal. can 85c, 1-gal. can \$1.50, by express.  
**LICE KILLING NEST EGGS.** 10c each, postpaid 15c; dozen 75c by express.  
**FUMIGATING CANDLES.** Complete with water pan 15c, postpaid 25c; per dozen by express \$1.00  
**CYPHERS ROUP CURE.** Positively guaranteed by the manufacturers to cure Roup in all its forms. It is simply put in the drinking water and the chicken takes its own medicine. Small pkg. makes 25 gallons of medicine, 50c postpaid; large pkg. makes 75 gallons of medicine, \$1.00 postpaid.

### Cyphers Poultry Remedies.

Standard remedies put up in vials of 100 tablets. Full directions on each vial. Price of single vial each, postpaid 40c; 10 vials assorted, in cloth covered case, postpaid \$3.00. Order by number.

- No. 1 For catarrhal colds and rattling in the throat.
- No. 2 For sudden colds, prevents and cures Roup.
- No. 3 For chicken-pox.
- No. 4 For cholera and all diarrhoeas.
- No. 5 For diphtheritic Roup and canker.
- No. 6 For indigestion and liver diseases.

## WE SELL THE GENUINE CYPHERS INCUBATORS

FREE ON BOARD CARS SAINT PAUL, MINNESOTA.

The Celebrated, Patent-Diaphragm, Non-Moisture, Standard Cyphers Incubators, for which we are authorized agents, are guaranteed by the manufacturers as follows:

- FIRST—To require no supplied moisture, thus disposing of the moisture question.
- SECOND—To be self-ventilating, the air in the egg chamber remaining sweet and pure.
- THIRD—To be self-regulating, being equipped with the most accurate and durable regulator thus far invented.
- FOURTH—To operate with less oil and less expense than any other make of incubator and to be as free from offensive odors as any ordinary house lamp.
- FIFTH—To be in all respects the simplest and easiest to operate and control, requiring less labor and less attention than any other style or make of incubator.
- SIXTH—To produce larger, stronger and healthier chicks or ducklings than any other style or make of incubator.

SEVENTH—That where it is run in competition with any incubator of a different make, it shall, in three or more hatches, bring out a larger average percentage of the fertile eggs in good, healthy chicks or ducklings than does its competitors.

EIGHTH—That each and every Standard Cyphers Incubator, sold under registered trade-mark, will do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us within 90 days, less reasonable wear, and the purchase price will be refunded.

We, as agents for the Standard, Patented, Cyphers Incubators and Brooders, are authorized by the manufacturers to stand back of the foregoing guarantee in every particular, and hereby agree to do so.



STYLE "A" BROODER.

- No. 7. For egg-bound.
- No. 8. For rheumatism and cramps
- No. 9. For worms.
- No. 10. To prevent soft-shelled eggs and insure fertility.

## A Few Reasons Why You Should Purchase Cyphers Incubators and Brooders From Us.

We save you freight on both incubators and brooders, as our prices are F. O. B. St. Paul, Minn. Should you purchase the same goods of the factory, the freight, in every instance, would add greatly to the cost.

We carry a large stock at all times; you can call and see the goods before placing your order. do your business face to face with us and not rely upon correspondence with dealers whom you do not know hundreds of miles away. If we secure your business on Incubators and Brooders, we hope to have your trade also on the poultry supplies which follow the successful use of the machine we are agents for, and we will naturally use every endeavor to make you a pleased customer.

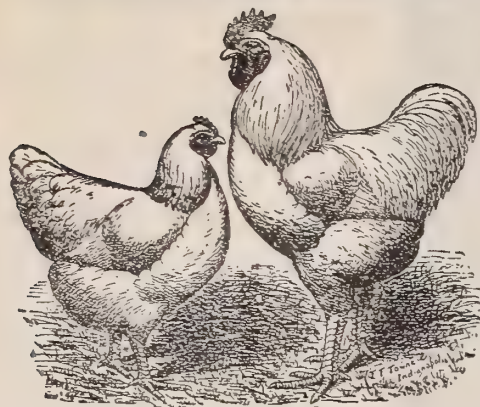
### Storm King Brooders.

Recognizing the wide-spread demand for a thoroughly well made practical brooder that can be sold at a lower price than the Cyphers Standard Style "A" Brooder, we have made arrangements with the Cyphers Incubator Company for the sale of their Storm King Brooder. This is a combined brooder and colony coop, manufactured in two sizes. Aside from size, these brooders are exactly the same in construction. They are built of first-class ¾-inch pine lumber, well matched and machined, dressed on both sides, and are free from all loose knots. This lumber is all thoroughly kiln-dried before being worked into the brooders, which prevents it from shrinking and opening up joints when exposed to the weather. We know the Storm King Brooder to be a good artificial mother, and one that will safely care for the chicks from the time they are hatched until they are half grown if need be. The construction of the brooders permits the heating device to be taken out, giving the chicks the entire floor space and making a full capacity cool brooder. When it is time to wean the chicks from the cool brooder and provide them with roosting quarters, the entire floor space of this brooder, together with the lamp slide and other working parts, may be removed and roosts placed on the floor cleats inside the brooder, thus making a well-lighted, well-ventilated colony roosting coop.

While the Storm King Brooder is not for all purposes as serviceable or as satisfactory a brooder as the Cyphers Standard Style "A", we believe that it is more satisfactory than any other low-priced brooder on the market.

No. 1, 24x39 inches....	\$6.00	No. 2, 28x45 inches....	\$8.00
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fresh laid eggs of the genuine stock, packed in \$1.50 for 13, \$2.75 for 30.

### White Plymouth Rocks.

In addition to other fancy stock which we are breeding at our farms, we have the purest strain of these Beautiful Chickens that can be produced. They are most beautiful fowls, with pure white plumage. They are very prolific layers and make excellent mothers, are not prone to wander like some kinds, while their meat is always fine grained, sweet and delicious. Owing to their large size and their great laying qualities, they are the most profitable kind a farmer can raise. Eggs can only be sent by express at purchaser's expense. We will ship only the most approved manner.

### White Holland Turkeys.

These are most beautiful fowls with pure white plumage. The flesh is fine grained, very tender and sweet. They are more domesticated than other kinds and are not inclined to stray away from home. The average weight of cocks is 26 lbs., of hens 16 lbs. The prettiest and most profitable kind for a farmer to raise. We offer fresh laid eggs. 6 for \$1.50, 13 for \$2.50, 25 for \$4.50.

### Choice Fowls.

These are fine fowls, one year old and are beautiful, strong and healthy. There are no finer birds in the land. **GOBBLERS.** \$7.00 each. **PAIR.** Gobbler and Hen. \$12.00. **TRIO.** Gobbler and 2 Hens. \$16.00.



### White Pekin Ducks.

Unquestionably the best laying ducks known. They are of large size, not inclined to wander, and when fully matured weigh from 6 to 8 pounds each. The feathers are nearly as valuable as goose feathers. Eggs can only be sent by express at purchaser's expense. \$1.50 for 13, \$2.75 for 25.

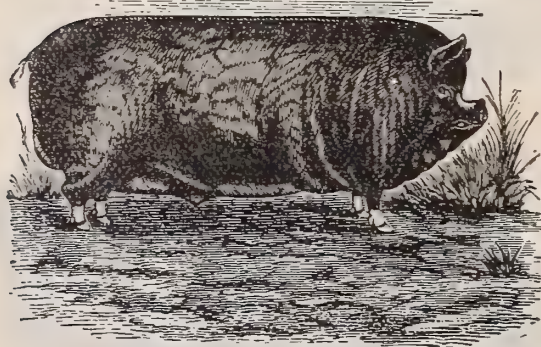


### Fowls.

**SINGLE DRAKE.** \$3.50. **PAIR.** \$7.00. **TRIO.** 1 Drake and 2 Ducks. \$10.00.

### Thoroughbred Berkshire Pigs.

We have as pure a type of pigs from pedigree stock as can be found in the Northwest. Our pens are headed by the celebrated boar "Nina's Baron" 79976, sired by "Baron Lee of Riverside" 70400. Dam "Royal Nina II" 43403. Recorded in volume 23 of the American Berkshire Record.



We have never gone to the trouble and expense of registering the young pigs though they are as pure a type as can be found in the Northwest and for all practical purposes just as good as registered stock and are offered at one-fourth the price.

They are unusually hardy, of high vital powers, easily fattened, prolific breeders and less liable to disease than other breeds.

Their flesh is of the highest quality. The prettiest and most profitable kind known.

**Crating.**—We box these in strong, light, comfortable crates, put feed and water in box and deliver free on board cars. Customers must pay transportation charges. All orders will be filled in rotation as received.

We offer young pigs for shipment from May 15th to July 1st, at \$15.00 each. Pair, boar and sow, not akin, \$25.00. Three, 1 boar and 2 sows, not akin, \$35.00.

Prices for shipment at any other time during the year quoted on application. We have good stock at all times but later in the season pigs will be heavier and larger and naturally worth more.

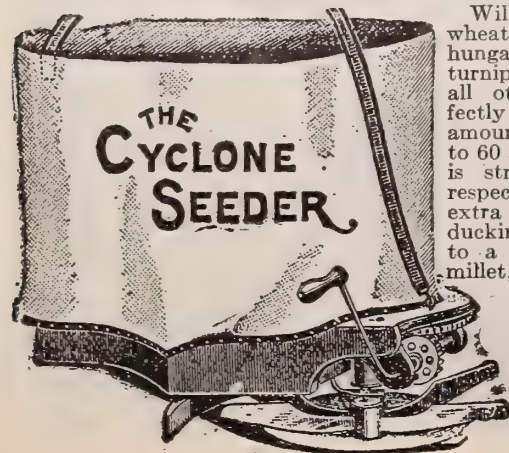
### Improved Cahoon Seed Sower.

The old standard make for sowing wheat, oats, hemp, barley, rye, buckwheat, grass seeds, etc. The grain is held in a tight sheet-iron hopper, surrounded by a bag, which will hold a bushel of seed. This is suspended by a strap from the operator's neck, and held in position by a strap around the waist. The seed is thrown from 8 to 20 feet on each side of the operator, the heaviest seed being, of course, thrown the greater distance. A man will easily sow from 4 to 6 acres per hour with this machine, which weighs 5½ pounds. \$3.00 each.



### Triumph Corn Planter, With Pumpkin Seed Attachment, for \$1.00.

This is made by the same firm which turns out the well known "Triumph," but has the additional feature of a Pumpkin Seed Attachment, which makes it particularly valuable for farmers. **Triumph Corn Planter without Pumpkin Seed Attachment, 80 cents.**



### The Cyclone Seeder, \$1.75.

Will sow timothy, clover wheat, oats, rye, buckwheat, hungarian, bone dust, red top, turnip, millet, corn, cotton and all other grains and seeds perfectly even and any desired amount to the acre, and from 40 to 60 acres a day. The machine is strictly first-class in every respect; the bag or hopper is extra large and made from heavy ducking. It sows clover 36 feet to a round; timothy, 27 feet; millet, 36 feet; flax, 36 feet; wheat, 50 feet; oats, 36 feet; barley, 40 feet; rye, 50 feet, etc.

WE HAVE A COMPLETE LINE OF SEEDERS, SPRAYERS, ETC. COMPLETE LIST MAILED ON APPLICATION.



\$1.25 Each.

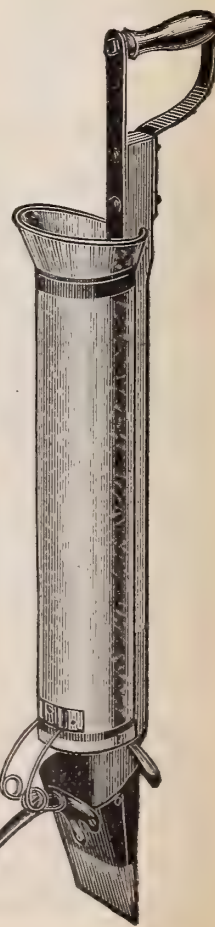
A PERFECT SEEDER.

### The Acme Tubular Potato Planter, \$1.00.

**STRONG—SIMPLE—PRACTICAL.** Works in all soils. Worth twice what we ask for it.

### New Idea Seeder.

Space will not permit an illustration. Will sow any seed evenly and rapidly as well as all kinds of fertilizers. Operated by a crank, has ball bearings and is Nickle Plated. A Handsome Practical Seeder. \$1.50 each.



### May's Eureka Seeder.

A First-Class Perfect Seed Sower for \$1.25.

This sows any seed perfectly as well as the Cyclone. It is well and strongly made and sells for 50 cents less. In using this machine there is no chance for skipping, even if you do not walk exactly straight or take long steps, as some of the seed is continually being thrown 8 to 10 feet ahead of the operator, and sufficient lap is made on account of not seeding so heavy at edges, that a slight crook will not be noticed. Can be regulated instantly to sow any seed.



# PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit our showing all of the "Planet Jr. Tools," but we will send a fully illustrated Catalogue free to intending purchasers "Planet Jr." goods are standard machines—the best made.

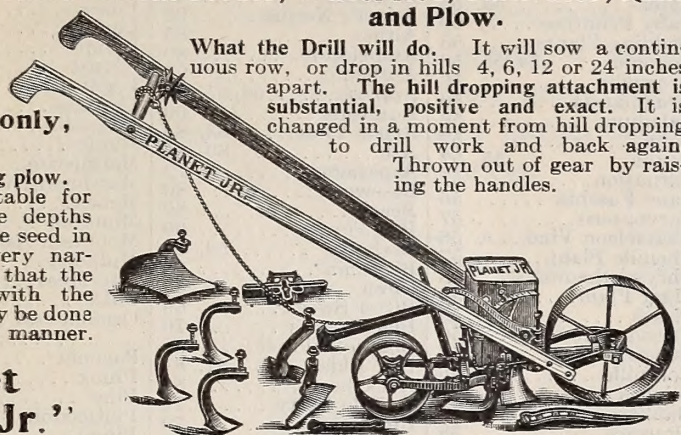
## "Planet Jr." No. 4.

**Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow.**

**Price Complete \$10.50.**

**As a Drill only, \$8.50.**

The opening plow. This is adjustable for all reasonable depths and leaves the seed in a straight, very narrow line, so that the cultivation with the wheel hoe may be done in the closest manner.



What the Drill will do. It will sow a continuous row, or drop in hills 4, 6, 12 or 24 inches apart. The hill dropping attachment is substantial, positive and exact. It is changed in a moment from hill dropping to drill work and back again. Thrown out of gear by raising the handles.

## "Planet Jr."

**No. 25. Combined Hill and Drill Seeder and Double Wheel Hoe. Price \$13.50.**



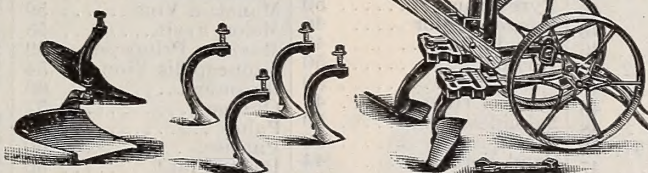
This new combined machine is intended for gardeners who prefer not to buy a separate seeder and wheel hoe also. The seeder is large enough for field use, for it holds 2½ quarts (or about 5 pounds of onion).

This seeder will sow in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial, and is accurate in sowing all kinds of garden seed in either hills or drills. The simplicity and perfect working of this tool, both as a seeder and as a wheel hoe make the combination thoroughly practical. The change from drill to wheel hoe takes but a moment, and the entire combination is one we recommend.

## "Planet Jr." No. 19.

**Farmers' Single Wheel Hoe and Plow. Price \$3.75.**

The tools are as follows: 1 large garden plow, hard polished steel; 1 10-inch sweep, a perfect weed killer. 1 6-inch sweep, same pattern as 10-inch. 1 4-inch cultivator tooth, for deep cultivation. 1 2-inch cultivator tooth, for deeper work.



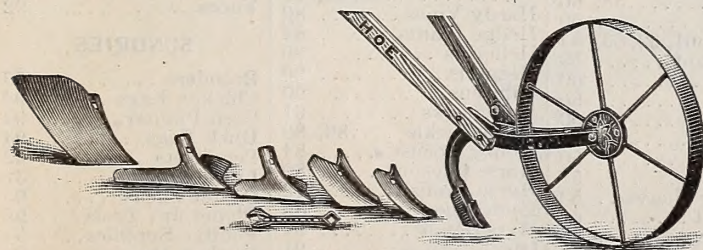
complete wheel hoe. All the blades are of tempered and polished steel.

No. 11.—Double wheel hoe, cultivator, rake and plow. This machine is the same as No. 12 with 2 extra hoes and 4 rakes, \$9.00.

No. 13.—Single wheel hoe, with 6-inch hoes only, \$4.75.

No. 17.—With 1 pair of 6-inch hoes, 3 cultivator teeth, and a large garden plow, \$5.00.

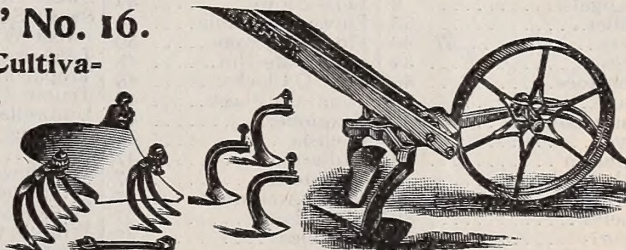
No. 18.—Single wheel hoe with 6-inch hoes only, \$3.50.



## "Planet Jr." No. 16.

**Single Wheel Hoe, Cultivator, Rake and Plow. Price \$5.85.**

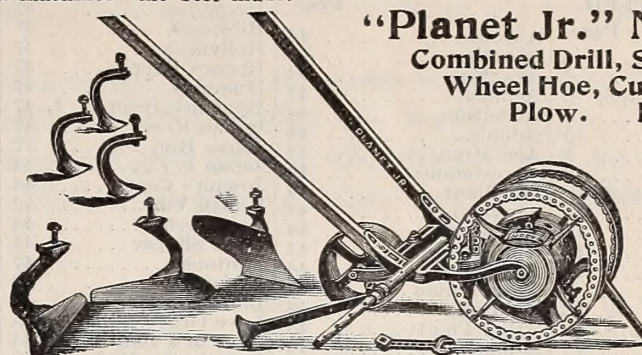
This is the same machine as No. 17½ with the additional attachments as shown in cut of a well-shaped plow and a set of rakes.



## "Planet Jr." No. 1.

**Combined Drill, Seeder and Wheel Hoe, Cultivator and Plow. Price \$9.50.**

**As a Drill only, \$7.50.**



From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow.

A pair of 6-tooth rakes supplied when especially ordered. Price 50c.

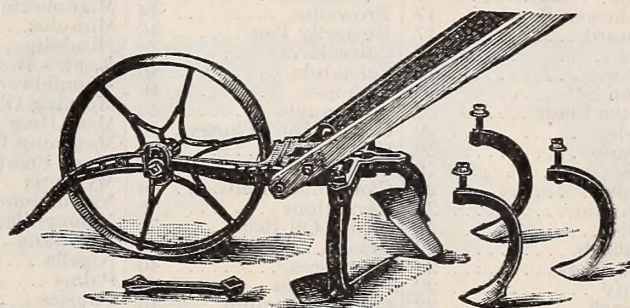
## "Planet Jr." No. 17½.

**Single Wheel Hoe and Cultivator. Price \$4.50.**

The Handles are adjustable in height.

The Frame is convenient and strong, with quick change device, which permits the tools to be changed without removing the nuts.

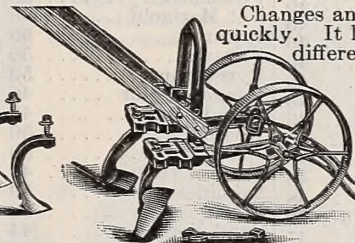
The Wheel can be readily changed in height and to the far side of the frame to hoe both sides at once. The Leaf Guard is capital in late work, where plants have fallen or been blown over, as peas, strawberries, potatoes, carrots, etc. It makes perfect work where otherwise impossible to work at all, with no increase of labor.



## "Planet Jr." No. 12.

**Double Wheel Hoe, Cultivator and Plow. Price \$7.00.**

Changes and adjustments of the tools are made very quickly. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits tools to be changed without removing the nuts. Four pairs of tools, as shown in the cut, go with the



## Hazeltine Weeder.



A most useful garden tool. Every person with a garden should have one. Fine for weeding, can also be used for transplanting small plants. Very useful in a number of ways. 30c each, postpaid.

## LANG'S HAND WEEDER

**HANDIEST TOOL**

**ON EARTH.**



**30¢**

**By MAIL PREPAID**

## Hammond's Slug-Shot.

A combination of the most potent insecticides and most soluble plant food. Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, fleas, beetles and striped bugs on melons, turnips, beets, onions etc., canker worms and caterpillars on fruit and ornamental trees. Price, 5-lb. pkg. 30c, 10 lbs. 55c, 50 lbs. \$2.50. By barrel in bulk, 4½c per pound.



TRADE MARK



## INDEX.

## VEGETABLE SEED.

	Page.
Artichoke	4
Asparagus	4
Beans	3, 4, 5, 6
Beets	7
Borecole	15
Broccoli	8
Brussels Sprouts	10
Cabbage	2, 9, 10
Carrots	11
Cauliflower	11
Celery	12
Celery	12
Chives	8
Corn Sweet	12, 13
Cucumber	2, 3, 14
Egg Plant	15
Endive	14
Kale	15
Kohl Rabi	15
Lettuce	3, 15
Leek	16
Mangel	8
Melon Musk	16
Melon, Water	3, 16, 17
Mushroom Spawn	17
Mustard	17
Okra	18
Onion	18
Onion Sets	18
Oyster Plant	22
Parsley	20
Parsnip	20
Peas	2, 19
Pepper	20
Pumpkin	20
Radish	21
Rhubarb	22
Ruta Baga	24
Salsify	22
Spinach	22
Squash	22
Tomato	3, 23
Turnip	24
Vegetable Oyster	22

## FARM SEEDS.

Artichokes	30
Barley	30
Bird Seed	29
Brazilian Corn	29
Bromus Inermis	33
Broom Corn	29
Buckwheat	30
Carrots	11
Clover	31
Corn, Field 25, 26, 27,	28
Cow Peas	34
Esparsette	38
Flax	96
Fodder Corn	29
Grass Seed	32
Grass Mixtures	33
Hog Pasture	34
Jerusalem Corn	29
Kaffir Corn	29
Kale	39
Lawn Grass	32
Maize	30
Mangels	8
Millet	35
Oats	37, 38
Peas	34
Potatoes	40
Rape	29
Ruta Baga	24
Rye	36
Sainfoin	38
Salt Bush	30
Serradella	30
Speltz	38
Spurry	39
Sugar Cane	38
Sunflower	39
Teosinte	38
Timothy	31
Tree Seed	96
Vetches	34
Wheat	36
Wild Rice	30

## FLOWER SEEDS.

	Page.
Abronia	44
Abutilon	44
Acanthus	44
Achillea	44
Aconitum	44
Adonis	44
Ageratum	44
Agrostemma	44
Air Plant	44
Alyssum	44
Amaranthus	44
Ampelopsis	44
Anemone	44
Antirrhinum	44
Aquilegia	44
Arbor Plant	43
Asparagus	44
Aster	43, 45
Baby's Breath	45
Balloon Vine	44
Balsam	44
Begonia	44
Bellis	46
Blanket Flower	46
Boston Ivy	44
Browallia	44
Butterfly Pea	46
Calceolaria	46
Calendula	46
Calliopsis	46
Campanula	46
Canary Bird Flower	46
Candytuft	46
Cannas	46
Canterbury Bells	46
Carnations	46
Castor Oil Bean	50
Celosia	46
Centaurea	46
Centrosema	46
Chrysanthemum	46
Cineraria	46
Cleome Pungens	41
Cobea	46
Cockcomb	46
Coleus	46
Columbine	44
Convolvulus	48
Coreopsis	46
Corn Flower	46
Cosmos	46
Cup and Saucer	46
Cyclamen	46
Cypress Vine	46
Cyperus	46
Dahlia	46
Daisy	42, 46
Datura	46
Delphinium	46
Devil in the Bush	48
Dianthus	47, 52
Digitalis	47
Dolichos	42, 47
Dracena	47
Dusty Miller	46
Emerald Feather	44
Eschscholtzia	50
Eupatorium	47
Euphorbia	48
Floss Flower	44
Flowering Maple	44
Flowering Sage	50
Forget-Me-Not	48
Four O Clocks	48
Fountain Plant	44
Foxglove	47
Fuchsia	47
Gaillardia	47
Glaucium	47
Globe Amaranth	47
Gloxinia	47
Grevillea	47
Godetia	47
Golden Feather	50
Gourds	47
Gypsophila	47
Hedysarum	47
Helianthus	52
Helichrysum	47
Heliotrope	47

## Flower Seeds—Cont.

	Page.
Hesperis	47
Hibiscus	47
Hollyhock	47
Horned Poppy	47
Humulus	47
Hyacinth Bean	2, 47
Indian Rose	47
Japan Hop	47
Japan Ivy	44
Joseph's Coat	44
Kudzu Vine	42
Lace Fern	44
Lady Slipper	44
Lantana	47
Larkspur	46
Lobelia	47
Love Grove	48
Love in a Puff	44
Love Lies Bleeding	44
Lupinus	47
Marigold	47
Marsh Mallow	47
Matricaria	48
Maurandia	48
Mignonette	48
Mimulus	48
Mirabilis	48
Monk's Hood	44
Moonflower	48
Morning Glory	42, 48
Moss Rose	50
Mourning Bride	50
Musk Plant	48
Myosotis	48
Nasturtium	41, 43, 48
Nemophila	48
Nicotiana	48
Nigella	48
Palms	48
Pansies	42, 49
Passion Flower	49
Penrose Collection	41
Pentstemon	48
Petunia	48, 50
Pheasants Eye	44
Phlox	48
Pinks	47
Poppy	50
Portulaca	50
Pot Marigold	46
Primrose	50
Primula	50
Pyrethrum	50
Ragged Sailor	46
Reseda	48
Ricinus	50
Rose	50
Rose of Heaven	44
Salpiglossis	50
Salvia	50
Sand Verbena	44
Scabiosa	50
Silk Oak	47
Sneezewort	44
Stocks	50
Strawflower	47
Sunflower	52
Sweet Peas	51
Sweet Rocket	47
Sweet Sultan	46
Sweet William	52
Treasure Plant	43
Tropaeolum	48
Trumpet Flower	46
Umbrella Plant	46
Verbena	52
Violet	52
Wallflower	52
Wild Cucumber	52
Wild Flower Garden	52
Windflower	44
Wolfsbane	44
Zinnia	52

## PLANTS.

## Greenhouse.

Abutilon	55, 55
Acalypha	56
Achyranthus	55, 56

## Plants—Cont.

	Page.
Ageratum	55, 56
Albizzia	55
Alternanthera	55, 56
Asparagus	54, 55
Asters	55, 56
Baby Primrose	60
Bedding Plants	55
Begonia	54, 55, 56
Browallia	56
Brugmansia	56
Caladium	56
Calla	57
Canna	55, 57
Carnation	57
Cape Fuschia	56
Caryopteris	57
Chameleon Vine	56
Chenille Plant	57
Chrysanthemums	58
Cigar Plant	56
Cissus	56
Clerodendron	56
Coleus	54, 55
Coronilla	56
Cuphea	56
Dahlia	58
Dracena	58
Dusty Miller	55
Elephant's Ear	56
Fabiana	58
Fern	53, 59
Ficus	58
Flowering Maple	55
Fuchsias	58
Genista	58
Geraniums	55, 59
Gladiolus	59
Grevillea	59
Heliotrope	59
Hibiscus	58, 59
Honey Bell	54
Honeysuckle	59
Hydrangea	59
Ivy	59
Japanese Cedar	58
Jerusalem Cherry	60
Jessamine	54
Justicia	59
Lace Fern	54
Lantana	59
Lemon	53
Linum	54
Lobelia	55
Mahernia	54
Malabar Vine	54
Manettia Vine	59
Melon Fruit	53
Mexican Primrose	59
Minneapolis Vine	54
Oleanders	60
Orange	53
Palms	60
Pansies	55, 60
Paper Plant	56
Passiflora	60
Pelargonium	60
Petunia	55, 60
Phrynum	60
Plant Collections	54
Plume Plant	59
Pomegranate	60
Primrose	54, 60
Primula	60
Roses	55, 61, 62, 63, 64
Rubber Plant	58
Russelia	60
Serissa	60
Silk Oak	59
Smilax	60
Solanums	60
Spirea	57
Strawberry Guava	53
Sutherlandia	60
Swainsonia	60
Tecoma	60
Thunbergia	60
Treasure Plant	53
Tuberose	60
Verbena	55, 60
Vincas	60
Violet	60
Yellow Flax	54

## NURSERY DEPART-

## MENT.

	Page.
Achillea	90
Actinidia	89
Adam's Needle	92
Althea	85
Ampelopsis	89
Anthemis	90
Apples	66, 67, 68
Aquilegia	83, 84
Arbor Vitae	80, 84
Ash	80, 84
Asparagus	72
Basswood	80
Beech	80
Bell Flower	90
Berberberry	84, 86
Bignonia	89
Birch	80, 83
Bitter Sweet	89
Blackberries	76
Blanket Flower	90
Box Elder	81, 84
Buckthorn	84
Buffalo Berry	71
Butternut	70
Calycanthus	85
Campanula	90
Carragana	84
Catalpa	80
Cedar	84
Celastrus	89
Centaurea	90
Cherries	69
Chesnuts	70
Chrysanthemum	90
Clematis	89
Clethra	86
Columbine	90
Coreopsis	90
Cornus	85
Cottonwood	80, 84
Crab Apples	67, 68
Cranberries	71, 87
Currants	77, 85
Deutzia	85
Dewberry	76
Dianthus	90
Digitalis	90
Dogwood	85
Elaeagnus	71, 86
Elm	80, 83, 84
Englemans Ivy	89
Evergreens	83, 84
Filbert	70, 86
Fir	83
Forsythia	86
Fox Glove	90
Fruit Collections	68, 70, 71, 72, 75, 76
Gaillardia	90
Galega	90
Globe Flower	87
Golden Button	90
Golden Elder	86
Golden Glow	92
Gooseberries	78
Grapes	79
Hackberry	80
Hardy Perennials	90, 91, 92
Hardy Vines	89
Hedge Plants	84
Heliopsis	90
Hesperis	90
Hibiscus	90
Hollyhocks	91
Honeysuckle	86, 89
Honey Locust	84
Horse Chesnut	80
Horse Radish	72
Hydrangea	86
Hypericum	91
Iris	91
Japan Ivy	89
Japan Quince	84
Japanese Garden	92
Japanese Olive	71
Japanese Plume	91
Juneberry	71

## Nursery Dept.—Cont.

	Page.
Kentucky Coffee	81
Kerria	87
Larch	81
Lilacs	87
Linden	80
Linum	91
Locust	81
Logan Berry	76
Lychnis	91
Magnolia	87
Maples	81, 84
Marguerite	90
Matrimony Vine	90
Melica	91
Monarda	91
Mountain Ash	81, 83
Mulberry	72, 83, 84
Nut Trees	70
Oaks	81
Ornamental Trees	80, 81, 82
Paeonia	91
Phlox	91
Pine	83, 84
Platicodon	91
Plums	69, 87
Poplars	82
Privet	84
Prunus	87
Purple Fringe	86
Quince	87
Raspberries	74, 75
Rhubarb	72
Ribes	85
Rose of Sharon	85
Russian Olive	71, 84
Sage	72
Salisbury	87
Sambucus	86
Shade Trees	80, 81, 82
Shrubs	85, 86, 87
Siberian Pea	84
Silver Sweet	89
Smoke Tree	86
Snowballs	87
Snowberry	87
Spirea	88
Spruce	83, 84
Strawberries	73
Strawberry Raspber-	72
ry	86
Sweet Pepper	86
Sweet Shrub	85
Sweet William	90
Syringa	88
Thorn	82
Tree Protectors	82
Tree Seedlings	84
Trumpet Flower	89
Tulip Tree	82
Useful Tables	65
Virginia Creeper	89
Walnuts	70
Weeping Trees	83
Weigelia	88
White Fringe	86
Whitewood	82
Willows	82, 83
Wineberry	74
Wistaria	89
Yucca	92

## SUNDRIES

Brooders	93
Chicken Eggs	94
Corn Planter	94
Duck Eggs	94
Fertilizers	32
Lawn Rollers	32
Oyster Shells	93
Planet Jr., Tools	95
Poultry Supplies	93
Poultry Remedies	93
Potato Planter	94
Pigs	94
Seeders	94
Slugshot	2, 95
Tree Protector	82
Turkey Eggs	94
Weeders	95

## Flax for Sowing.

The demand for this seems to increase each season. The acreage in the Northwest last year was very large indeed. It should be sown late enough in the spring to avoid frost. When grown for the fibre about one bushel should be sown to the acre, but if for seed alone usually  $\frac{1}{2}$  bushel is sufficient. Lb. 25c, postpaid; pk. 60c; bu. \$2.00.

## Tobacco.

CONNECTICUT SEED LEAF—Best adapted to the Southern and Middle States. Pkt. 5c; oz. 20c; 1-4 lb. 70c.  
BIG HAVANA—Considered in the South one of the best that can be



# *The Three Great Onions of Commerce*

*UNSURPASSED IN SIZE, FLAVOR, PRODUCTIVENESS AND KEEPING QUALITIES.*

BY careful selection for a period of years, we have evolved a race of onions in the Northwest which are far superior to those grown in lower latitudes. The bulbs are firmer, larger and better flavored, mature earlier, are more productive, bring a higher price in the market and are in every way superior to those cultivated farther south. We are pleased to place upon the market such good stock at such favorable prices.

PRICES FOR 1905	PKT.	OZ.	1/4 Lb.	Lb.	5 Lbs.	10 Lbs.
PERFECTION RED GLOBE	5¢	10¢	25¢	80¢	\$3.50	\$6.50
PEERLESS WHITE GLOBE	5¢	15¢	35¢	\$1.20	5.50	10.00
MINNESOTA YELLOW GLOBE	5¢	10¢	25¢	.75	3.25	6.00

AT ABOVE PRICES WE SHIP FIVE AND TEN POUND LOTS BY EXPRESS AT PURCHASERS EXPENSE  
SMALLER QUANTITIES WE MAIL POSTPAID.



## *PEERLESS WHITE GLOBE*

The bulbs are of largest size, fine grained, firm and of extra fine keeping qualities. On account of its fine appearance it always commands the highest price in the market. It is invariably a heavy yielder, crops of 600 to 1200 bushels per acre being common.

## *PERFECTION RED GLOBE*

The bulbs are large, firm and solid, of perfect formation, of handsome appearance and uniform size. Just the kind for onion growers who want a high-grade bulb for the market. It is an enormous yielder.

## *MINNESOTA YELLOW GLOBE*

This has all the good qualities of the red and white sorts described above. The bulbs are large, of perfect globe shape, solid, fine grained and of excellent flavor.





# May's

Catalogue  
of

NORTHERN GROWN  
SEEDS, PLANTS, BULBS  
AND FRUITS.

1905.

MAY'S  
BRANCHING ASTERS  
UNSURPASSED FOR SIZE,  
COLOR AND PRODUCTIVENESS  
PKT. 10¢ - OZ. 50¢  
FOR FULL DESCRIPTION  
SEE PAGE 43

L.L. MAY & CO.,  
ST. PAUL, MINN.